



DAN BERSAK—THE TECH

Women's Swimming captain Kirstin Alberi '03 presents official team warmups to Mr. Albert Zesiger '51 and Mrs. Barrie Zesiger at Friday's dedication ceremony for the Albert and Barrie Zesiger Sports and Fitness Center.

International Students Delayed by Visa Rules

By Lakshmi Nambiar
STAFF REPORTER

As a result of new security measures and regulations implemented by the U.S. State Department following the events of Sept. 11, the travel plans of 100 new and returning international MIT students were delayed, with 17 students still awaiting visa approval.

One new requirement for male international students between the ages of 16 and 45 requires that when applying for a non-immigrant visa, they must complete a new Supplemental Non-immigrant Visa Application (DS-157), in addition to the standard DS-156 non-immigrant visa application. Students were also required to show that they had strong links to their country of origin and had no intention of abandoning their home country.

Ten new MIT students from China and Iran were denied visas because of "immigrant intent," rather than due to security clearances. Associate Dean and Director of the International Students Office Danielle Guichard-Ashbrook said "recently, we have seen an increase in the number of visa applicants who have been asked to demonstrate substantial evidence of links to country of origin."

Visa delays acknowledged

A State Department spokesman told *The Boston Globe* that visa applications that used to be processed in days are now taking six to eight weeks and longer as officials comb through previously untapped databases of foreigners

Visas, Page 22

Horvitz Earns Nobel Prize With 'Cell Death' Research

By Jennifer L. Wong

MIT Professor of Cancer Biology H. Robert Horvitz '68 was honored as a co-winner of the 2002 Nobel Prize in Physiology and Medicine.



HO-YON HWANG

H. Robert
Horvitz '68

Investigator at both the Howard Hughes Medical Institute and McGovern Institute for Brain Research.

He shares this internationally prestigious award with fellow laureates Sydney Brenner, a professor at the Salk Institute for Biological Sciences in La Jolla, California, and John E. Sulston, of Cambridge University's Sanger Center in England. The \$1 million prize will be split equally among the laureates.

The Nobel Prize was awarded jointly to these three men for their discoveries concerning "genetic regulation of organ development and programmed cell death." These findings have opened up much insight

Horvitz, Page 18

IFC President Quits After Retrial Denied

By Jeffrey Greenbaum
STAFF REPORTER

Andrew T. Yue '03 resigned from the position of Interfraternity Council President on Friday, Oct. 4, following a decision not to retry four houses for alcohol violations.

In an e-mail sent out to the public mailing list *ifc-talk@mit.edu* and others within the FSILG community, Yue said that "the reason that I step down is that I no longer feel that the president position has any honor with me serving in it."

Yue said that he felt his position on IFC Executive had no honor as a consequence of the President's Council's decision on Wednesday. The Council voted against requiring that the four houses tried by an interim hearing committee should be retried by the Judicial Committee.

Sheldon Y. Chan '03 also

resigned as IFC Judicial Committee Chair on Sept. 27.

New policy triggers debate

The IFC Executive held an emergency President's Council meeting on Sept. 4 to announce a "zero tolerance policy" towards alcohol and poor risk management. IFC Vice President Amado G. De Hoyos '04 said that the zero tolerance policy was in reference to freshmen in an attempt "to curb their drinking between that day and rush."

Although there was no vote taken to see if the house presidents supported this position and the committee faced harsh criticism for its decision, "it seemed that mostly everybody understood that it had to be done in order to protect that system," Yue said.

IFC, Page 22

FILGs Recruit 236 Over Weekend

Early Rush Pledging Numbers at Extremes for Most Fraternities, ILGs

By Beckett W. Sterner
STAFF REPORTER

After one weekend of bids and pledging at fraternities, pledge numbers appear to be highly irregular, with fraternities having received between zero and twenty pledges.

"I'm pleased with what I've seen so far," said Interfraternity Council Recruitment Chair Joshua S. Yardley '04. "We knew our numbers are going to take a hit this year, but we are very impressed by the turnout so far."

So far, a total of 443 bids have been extended and 236 freshmen have pledged. As of Monday evening there were 109 freshmen still to accept or decline their bids.

Yardley added that there are still a large number of bids that may or may not become pledges. "We're still really excited," he said.

Numbers fall toward extremes

Based on a sample of five fraternities and one independent living group, members seem to be either quite happy or highly dissatisfied with how rush has been going.

Rush Chair for Delta Tau Delta Chris A. Voekler '03 said that the brothers are "real happy with how rush has been going. I feel pretty good about things went at our house." DTD gave out 23 bids over the weekend and as of Monday night had received 19 new pledges.

While the independent living group pika is approaching rush as a year-long process, Rush Chair Sarah R. Gottfried, '04 said that they were "pretty satisfied" with rush this year. "We had a nice group come over to the house," she said.

Yardley said that "a handful" of houses, "maybe four or five," have more than 15 accepted bids.

On the other hand, some fraternities have run into difficulties in getting new pledges. Sigma Phi Epsilon Rush Chair Rupesh R. Kanthan '04 complained that there "was no urgency this year." He said he wanted rush to be "the way it used

Rush, Page 16



JONATHAN WANG—THE TECH

An American flag with corporate logos for stars flies from Bostonian Rich Mackin's bicycle as Mark Goldfinger, editor of the Spare Change News, reads an editorial poem from his newspaper. More photos, page 18.

Ig Nobel
Prizes honor
odd scientific
research.

Page 13



Comics

Page 6

OPINION

Ken Nesmith and Kris Schnee
criticize common arguments in
the debate about Iraq.

Page 5

World & Nation 2
Opinion 4
Events Calendar 7
Arts 8
Sports 24

WORLD & NATION

Bush Steps into West Coast Port Dispute, Seeks to End Lockout

THE WASHINGTON POST

LOS ANGELES

As the shutdown of West Coast ports entered its second week and anxiety rose in factories and on farms, President Bush Monday took the first step toward ordering longshoremen back on the job.

After negotiations between shipping companies and dockworkers broke down over the weekend, Bush created a special board of inquiry that will quickly assess the economic impact of the port closures and determine whether the companies' lockout of the workers poses a serious threat to the nation's trade, health or safety.

Under the Taft-Hartley Act, the president can then direct Attorney General John Ashcroft to seek an injunction in federal court to end the work stoppage. As early as Tuesday, a judge could order workers and management to resume operation at the ports for 80 days while their dispute is mediated.

More than half of the country's containerized cargo passes through West Coast ports, and the bulk goods cannot easily be transferred to airplanes, which are much more costly. One widely quoted estimate of economic damage due to the lockout was \$2 billion a day, though some economists said the figure was much lower.

Lula Seen as Well-Positioned For Brazil's Presidential Runoff

THE WASHINGTON POST

RIO DE JANEIRO

On the sands of Ipanema beach, Lucia Araujo beamed as she stood next to her flag bearing the red star of the Workers' Party, which scored its greatest electoral victory ever Sunday in the first round of Brazil's presidential vote.

The Workers' Party candidate, labor leader Luiz Inacio Lula da Silva, failed to win the 50 percent plus one needed to avoid a runoff on Oct. 27. But he trounced his competitors and is seen as well-positioned to return the left to power in Latin America's largest nation for the first time in four decades.

"We are so close now, so very close," said Araujo, 37. "We've waited 13 years for this, so we can wait another three weeks. We still have to convince a few more people that the time has come for Lula, but finally, the momentum is on our side."

The final results showed that Lula, a former factory worker who won 46 percent of the vote, will face the ruling party candidate, political centrist Jose Serra, who won 23 percent, in a runoff.

Infected Mosquitoes Found on Maryland Island

THE WASHINGTON POST

A military team of malaria experts has found two pools of malaria-carrying mosquitoes on a Maryland island in the Potomac River, offering the first independent confirmation that the infected insects appear to be in the Washington area, health officials said Monday.

Researchers working on Selden Island in Montgomery County used a different testing method than employed in Loudoun, Va., where a contractor said this month that it had found pools of infected mosquitoes and where two teenagers were diagnosed with the disease over the summer, researchers said.

Robert Wirtz, chief of the Entomology Branch at the Centers for Disease Control and Prevention, said researchers in Atlanta plan to retest the latest results. But Wirtz said the polymerase chain reaction test used in Maryland, in which genetic material is amplified to make it easier to find the malaria parasite's DNA, has long proven reliable. Agricultural laborers who work daily on Selden Island, which is privately owned, will be contacted Tuesday and could be tested for malaria.

Bush Says Saddam Hussein Poses Direct Threat to U.S.

By Karen DeYoung

THE WASHINGTON POST

CINCINNATI

President Bush, in a sober but chilling address, warned the public tonight that Iraqi leader Saddam Hussein is "a murderous tyrant" who poses an immediate threat to the United States and American lives.

Seeking to rally support for a congressional resolution that would authorize him to order unilateral U.S. military action against Iraq, Bush said, "While there are many dangers in the world, the threat from Iraq stands alone — because it gathers the most serious dangers of our age in one place. Iraq's weapons of mass destruction are controlled by a murderous tyrant who has already used chemical weapons to kill thousands of people."

Bush said that the resolution did not mean that war with Iraq was "imminent or unavoidable." But, he said, it would show "the United Nations, and all nations, that America speaks with one voice."

Bush spoke in a televised speech aides said was scheduled so that he could explain his Iraqi policy direct-

ly to the American people. While it is seems likely that the resolution Bush seeks will pass both houses of Congress by the end of the week, polls show that public support is waning. Most Americans still support war against Iraq, but have questions about its timing and the lack of support from allies. Monday night, Bush's Democratic critics in Congress said they remained unconvinced of the need to strike immediately.

As he made his case, Bush offered little new information, borrowing phrases from his U.N. address last month, remarks he made on the congressional resolution at the White House last week, and recent Capitol Hill testimony and news conferences by members of his Cabinet.

Instead, he systematically went through the now-familiar case against Iraq: Saddam's long defiance of United Nations disarmament demands and barring of U.N. weapons inspectors; evidence that he has stores of chemical and biological weapons and is seeking to build a nuclear device; his repression against his own people. And he repeatedly emphasized that a failure to act quickly could disrupt the bal-

ance of power in the Middle East and cost American lives.

Among the measures he is seeking, Bush said, "the Iraqi regime must reveal and destroy, under U.N. supervision, all existing weapons of mass destruction."

Since the administration began its push on Iraq, both in Congress and the U.N, Baghdad has alternately said it is ready to cooperate, and that it will never succumb to U.S. pressure. Iraq has said it has no weapons of mass destruction, and no interest in acquiring them.

The administration has left open the question of whether Iraqi disarmament was sufficient to satisfy U.S. concerns, or, some top officials have insisted, only "regime change" would remove the threat Iraq poses.

"I hope this will not require military action," Bush said, "but it may. And military conflict could be difficult. An Iraqi regime faced with its own demise may attempt cruel and desperate measures," he said.

But the president insisted it would be foolhardy to delay action. "Some have argued we should wait — and that is an option. In my view, it is the riskiest of all options — I am not willing to stake one American life on trusting Saddam Hussein."

Teenage Boy Shot in Maryland Following 7 Attacks Last Week

By Serge F. Kovalski and Michael E. Ruane

THE WASHINGTON POST

A 13-year-old boy was critically wounded outside a Prince George's County, Md., school Monday in a shooting that authorities linked to a spate of sniper attacks that have now killed six people and wounded two others in the Washington area since Wednesday.

The youth, an eighth-grader at Benjamin Tasker Middle School in Bowie, was struck in the chest by a high-powered rifle bullet as he was being dropped off in front of the school by an aunt about 8 a.m., authorities said. An investigator said police found a spent shell casing in woods about 140 yards from the school, in a spot with a clear sightline

to where the boy crumpled to the ground, bleeding.

"We have a level of fear that we're not used to," Montgomery County, Md., Police Chief Charles A. Moose said Monday when it became apparent that Prince George's had joined the list of Washington area jurisdictions where sniper attacks have occurred. The others are Montgomery, the District of Columbia and Spotsylvania County, Va.

Speaking to reporters in Rockville, his eyes moist and his voice quivering with anger, Moose said: "Today it went down to the children. ... Someone is so mean-spirited that they shot a child. ... Now we're stepping over the line. Shooting a kid. I guess it's getting to be really, really personal now."

The boy, hospitalized Monday night in critical but stable condition after about 2 1/2 hours of surgery, is the youngest of eight sniper victims. The first, a 55-year-old man, was slain Wednesday in Montgomery. Four people, ages 25 to 54, were killed Thursday morning in Montgomery, a 72-year-old man was fatally shot Thursday night in the District and a 43-year-old woman was wounded in Spotsylvania Friday.

All the victims were in public places going about ordinary activities — mowing a lawn, filling a gas tank, entering a supermarket. But the shooting of a teenager in front of his school jolted parents and school systems across the region and raised an already intensive police investigation to a new level of urgency.

WEATHER

Mood and Weather

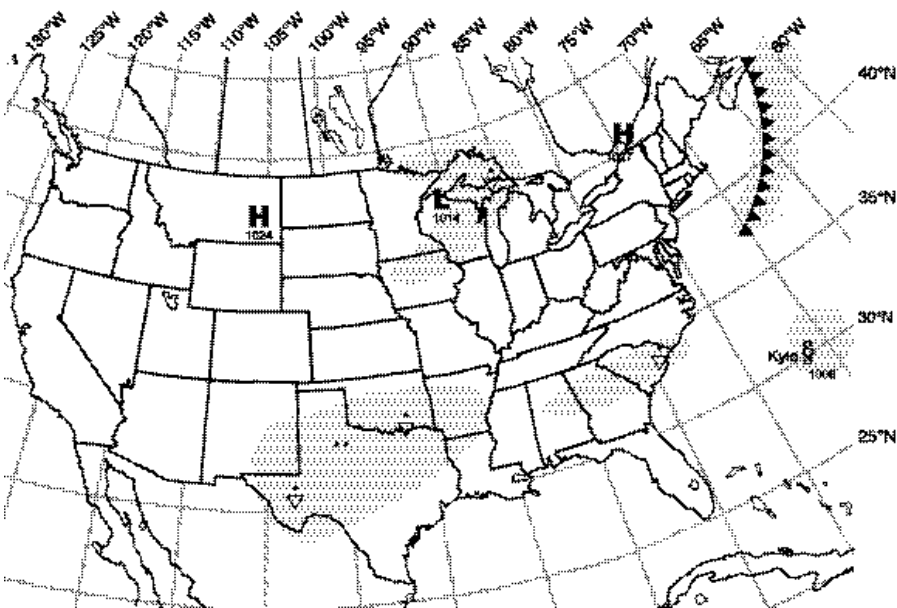
By Brian Loux
NEWS EDITOR

Nowhere is the theory of community mood influencing the region's weather more evident than in Boston. For instance, reveling in the fact that the Yankees suck and were beaten by the wild card Anaheim Angels in the first round, Boston will experience the sunny and warm Tuesday that coincides with such feelings of glee that befit the destruction of a dynasty. As the day draws on, such feelings of celebration will start to wane and Boston will come to realize that the Patriots they know and love were soundly routed by the Miami Dolphins last Sunday, starting a losing streak for the first time in the Tom Brady area. Not being ones to let go of bad news easily, these clouds of doom and despair will hover over Boston for far more than than the 24 hours of Yankee-downfall happiness. Some experts believe that the "How are we supposed to beat Green Bay?" cold front will last right into Sunday. One can only hope that Boston residents will soon brighten their day with the news that WWE RAW is WAR will be returning live to the Fleet Center on Nov. 4.

Extended Forecast

Today: Sunny, high of 61°F (61°C).
Tonight: Mostly clear, low 30 to 44°F (-1 to 7°C).
Wednesday: Partly cloudy, high of 63°F (17°C), low of 38°F (3°C).
Thursday: Partly cloudy, high of 66°F (19°C), low of 38°F (3°C).

Situation for Noon Eastern Daylight Time, Tuesday, October 8, 2002



Police Slaying by Hamas Causes Deadly Street Fighting in Gaza

By Barbara Demick
LOS ANGELES TIMES
KISSUFIM CROSSING, GAZA STRIP

Islamic militants kidnapped and killed a Palestinian police official in Gaza on Monday, prompting some of the worst street fighting among Palestinians since the start of the uprising against Israel two years ago.

By nightfall, five Palestinians, including the colonel, had been killed in the fighting between Palestinian police and members of the radical Hamas movement. Combined with a predawn raid by the Israeli army against Hamas in which 14 Palestinians were killed, it made for one of the deadliest and most chaotic days in the Gaza Strip in

months.

The Israeli raid, in which the army fired machine guns on a hospital and used a combat helicopter to fire into a Palestinian crowd, drew widespread criticism from the diplomatic community.

The surge in violence could be a harbinger of rising tensions as the United States prepares a military campaign against Iraq. It also came on the one-year anniversary of an anti-American rally in Gaza City at which two Islamic militants were killed in a clash with Palestinian police.

The Palestinian colonel who was killed Monday, Rajeh Abu Lehiya, had been head of the riot police, and his slaying was apparently revenge

exacted by Hamas-affiliated family members of one of the victims from last year. The Hamas denied Monday any involvement in the killing of the colonel, saying it was a matter of “family revenge.”

Palestinians claim that most of the 14 people killed during the raid, which began at 2:30 a.m., were unarmed civilians. The Palestinians said that many people came out of their houses after they believed the raid was finished simply to inspect the damage, and that they were fired on by the combat helicopter. The Israeli army denied that, saying that the crowd was armed and was trying to prevent the army’s retreat.

There were no Israeli casualties during the raid.

Investigators Probe Tanker Blast Called Terrorist Attack by Owner

By Rajiv Chandrasekaran
THE WASHINGTON POST
KUWAIT CITY, KUWAIT

Yemeni and French investigators launched a probe Monday into the cause of an explosion aboard a French oil tanker in the Gulf of Aden that the ship’s owner contends was caused by a terrorist attack.

The ship was rocked by a blast and engulfed in flames on Sunday morning as it neared Mina al-Dabah, a port close to the city of Al Mukalla, about 200 miles southeast of the Yemeni capital, Sanaa. Officials said the fire, fueled by nearly 1.6 million gallons of crude oil aboard the tanker, was extinguished Monday.

French and Yemeni officials said

it was too early to determine what caused the blast on the ship, named the Limburg. A Yemeni official said his government believes an oil leak sparked a fire and caused the blast. French officials said that they could not rule out terrorism, but that they had not seen enough evidence to indicate the blast was set off deliberately.

Yemeni journalists who were escorted close to the still-smoldering tanker reported seeing a charred hole about three feet wide on one side of the ship. The journalists said twisted metal around the hole pointed outward, perhaps indicating the explosion came from inside the tanker. Officials accompanying the journalists said it was the only hole.

The French firm that owns the ship, Euronav, repeated its assertion that the blast was intentional and likely caused by an explosive-laden fishing boat that pulled up to the tanker. The firm said it would have been impossible for the smaller boat to have caused the explosion simply by bumping into the tanker, which has a double hull.

Oil prices were largely unaffected by the tanker explosion, but one oil analyst, Fadel Gheit of the New York stock brokerage Fahnestock & Co., said he assumed the blast was the result of a terrorist act and that it would have an economic impact.

All but one of the 25 members of the French and Bulgarian crew were rescued, officials said.

Caltech Astronomers Discover Massive Object in Solar System

LOS ANGELES TIMES

Two California Institute of Technology astronomers, using an aging telescope to scan the fringes of the solar system, have found a massive object half the size of Pluto — a distant, icy sphere they have dubbed Quaoar.

The scientists say the dark, reddish object is the largest body discovered in the solar system since Pluto was spotted in 1930. Although precise measurements are impossible to make from Earth, Quaoar (pronounced KWA-wahr) is estimated to be about 780 miles across, the size of Pluto’s moon, Charon. It dances near the edge of the solar system 1 billion miles beyond Pluto, 4 billion miles from Earth.

Quaoar joins a handful of other strange, large objects recently found in Pluto’s neighborhood, the Kuiper Belt, a swath of icy cosmic residue that extends from Neptune to the solar system’s outer limits.

Key Breast Cancer Gene Identified

NEWSDAY

Discovery of a gene that could be important in many breast cancer cases was announced Monday by a research team at the Cold Spring Harbor Laboratory on Long Island, N.Y., and the University of Washington.

Called DBC2, for “deleted in breast cancer,” the gene is considered a candidate for causing, or helping cause, the so-called “sporadic” cases of breast cancer. These are the non-inherited form that account for about 90 percent of breast cancer cases.

According to a report to be published in the Proceedings of the National Academy of Sciences, the newly identified gene seems to be a “tumor suppressor” gene that applies biological brakes to keep cells from growing out of control.

If it’s damaged, the brakes are released, and cancer gets going. The lead author on the study was Masaaki Hamaguchi, at Cold Spring Harbor Lab.

Wigler, in an interview, explained that “most of my work is directed toward finding out who the culprits are. And we think this (DBC2) is one of them. It seems to be mutated in a significant number of cases” of breast cancer, “and there aren’t a whole lot of genes we know like that.”

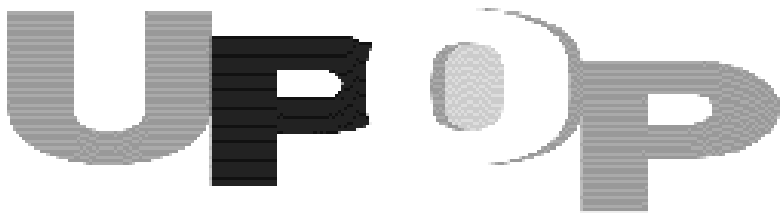
As Wigler’s team uses RDA, short for Representational Difference Analysis, geneticist Mary-Claire King, a co-author on the paper, explained, “he’s evaluating [the genes] site by site all along the chromosomes, looking for places in the tumor material where both copies” of a gene are damaged. When they find a “hot spot,” where there’s either too much or too little DNA, it’s worth a second look.

Wigler’s goal, then “is to find extremely good clues, and then we’ll confirm them if they are real,” King said.

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UPOP is a unique program open to all engineering sophomore^s that will allow you to develop your engineering and business skills while providing you a taste of real-life work experience. Your summer could be spent working at a National lab, a leading investment bank, a cutting edge software development firm or many other fantastic companies.

Want to know more? Come to an info session (**food will be served**):

Wednesday, October 9th 7-8pm in room 56-114
Thursday, October 17th 7-8pm in 4-231

^s Details regarding enrollment procedures for students in different departments will be given at the information sessions.

OPINION

When Fraternities Forget Fraternity

In 1940, Adolf Hitler feared a military coup would result from the immense popularity his generals had garnered with a quick succession of victories over the Allies. Valuing his own popularity over victory, Hitler made one of the biggest military

Editorial

blunders of the second World War by ordering his generals not to engage at Dunkirk, thus letting the British forces escape. The British were able to regroup and make a stronger showing at a later date, contributing to the ultimate collapse of Hitler's regime.

Today, the Interfraternity Council faces a parallel situation. It has forgotten its primary responsibilities of unifying the living group community and serving as its governmental and judiciary body, letting details of these jobs distract and dissociate them from its greater goals. The body has been greatly divided over proper treatment of alcohol violations, especially the issue of serving alcohol to freshmen. Debates persisted for almost a month over both a zero tolerance policy for alcohol violations initiated Sept. 4, and a retrial for four fraternities that violated that policy. Sometime during the debates the idea of cooperation was lost. What began in late summer as a relevant and crucial discussion of how to properly address alcohol violations, mutated into a vehement war of egos that destroyed involved parties, obscured the issue at hand, and disheartened onlookers of the FSILG community.

Many fraternities have already chosen to act to the detriment of the FSILG community, but for the IFC to survive, they must rethink their actions in light of their responsibility to the community. It should go without saying that the fault lies partially with these fraternities for breaking common sense rules giving alcohol to underage students. In a year when individual houses — and with them, the FSILG system — are most vulnerable to collapse, the decision to flout rules is incredibly self-centered and foolish.

However, greater responsibility rests on the shoulders of the FSILG office. First, a body that is paid to keep in close contact with IFC representatives was obviously not aware that a hotly contested zero tolerance policy had been in effect since the beginning of September. Regardless of whether or not the policy was correct, the office should have known about it and adhered to it when deciding punishment.

In addition, the office, in conjunction with members of the IFC executive committee, crafted an unbalanced procedure for dealing with complaints in the pre-rush period, failing to use standing IFC rush procedures as a model. Only a written report represented the "prosecution," while defendants delivered live testimony. Neither IFC executives nor investigators were present to give relevant testimony or background on IFC policies and standards. One of the primary duties of the office is to maintain a sense of community within the IFC, a goal that cannot be achieved through the exclusion of key members from important decision-making processes.

Ultimately, the IFC let its internal problems supersede external problems, resulting in the dissolution we see today. There are merited arguments both for and against a zero tolerance policy in light of new rush standards, but it does not matter which side is correct. This issue could not have fractured the IFC the way the rift within the IFC executive committee did. Members of the executive committee should have acted in the interest of the system as a whole, rather than letting a single conflict escalate to the level of chaos we now see in the IFC leadership.

The mire of instability resulting from vacancies in power could very well be disastrous for FSILGs at MIT. Fallout from the recent debacle drastically reduces the IFC's authority. Not only has it been unable to implement an important policy because of internal strife, but there is no need for houses or MIT to place trust or power in an organization that ostensibly closes shop when tensions arise. Yet without the IFC, each house would be forced to spend its own budget dealing with licensing commissions, MIT, rush violations, and other houses.

The silver lining of this rather grim situation is that the slew of resignations will allow the IFC a chance to start over with a new administration for a new FILG system. Members of underrepresented living groups and fraternities may opt to run for election. Diversifying the IFC may change its attitude and character, but it is not the only means of doing so. *The Tech* hopes that the newly elected officials will assume their positions with the dignity and maturity needed to reach compromise. Only a change in practice, not one merely of faces, will change the IFC for the better.

Nathan Collins and Christine R. Fry have recused themselves from this editorial.

Letters To The Editor

Go Read if You Want To Find Out 'Why'

Last week's article "Why Muslims Hate" [Oct. 4] is a disgrace to the image of *The Tech*. Mr. Cannady states that Islamic societies "have been able to keep their societies together through the sheer power of anti-Semitism." What Mr. Cannady seems to be unaware of is that anti-Semitism is originally a by-product of Christian-Jewish tension and has pervaded the history of Western civilization and has been virtually absent in the Middle East till the mid-twentieth century. As far as I know, Adolf Hitler was not a practicing Muslim, nor was the Holocaust an act of "Radical Muslims Activists." In addition, he refers to Palestinians as "infesting" the state of Israel, though once again Mr. Cannady is ignorant of the fact that the Palestinians have occupied the region since the decay of the Ottoman Empire, and that the state of Israel is barely approaching its 55th anniversary. I would suggest that before Mr. Cannady attempts to explain to the world his provincial theory of "Why Muslims Hate," he read a few books on the subject.

Mark Elliot '05

We Should All Invest In the Community

I found Jeff Roberts' column on "Investing in Community" [Oct. 4] to be a cogent description of the right and less right ways that institu-

tional decisions get made at MIT (and in other institutions). I would encourage everyone involved in institutional decisions, whether they are students, faculty, or staff, to read it and ask themselves: What can we do to emulate the productive qualities that he describes as being more present in the Sidney-Pacific process?

Isaac Moses G

More Than Just 'Hate'

I was disappointed to note that, in the Oct. 4 article "COOP Removes 'IHTFP' Shirt from Display," *The Tech* failed to note what is probably the most important alternative meaning of IHTFP, "I Have Truly Found Paradise." The administration's misunderstanding of IHTFP as having a purely negative message is precisely what leads to blown-out-of-proportion reactions on their part — such as asking that the shirt be removed from display in the COOP.

IHTFP — "I Hate This Fucking Place" and "I Have Truly Found Paradise," along with numerous other expansions — is a contradiction inherent to understanding the spirit and essence of MIT. Every student has a love-hate relationship with the Institute; if they do not, then they haven't really experienced it. It is this duality that makes MIT great. Experiences are meaningful only if they are difficult; otherwise, they are empty and teach you nothing. MIT is difficult. It is hellish at times. And it is wonderful and amazing and, yes, incredibly fun.

I am consistently saddened by the inability of those in whose hands the future of MIT so often rests to grasp this concept, and I am even further distressed by their unwillingness to

explore it. Their immediate reaction is not to try and understand it, but to stomp it out, as though it were the spark of some horrible transgression which could, if left unchecked, spread like wildfire and engulf the Institute in chaos.

In case they have not stepped out of their offices of late, MIT is still standing, and so are its students. IHTFP has been around for a long time, and it has not been the horrible menace they seem to imply. IHTFP does not make MIT an evil place. In fact, I would argue that it makes it a fantastic place. It's part of our history, and to erase it from the MIT culture would be a tragedy. I, for one, am going over to the COOP today, and buying an IHTFP shirt. I should have done it years ago.

Amrys O. Williams '02

Errata

A Friday photo caption misstated the title of State Representative Jarrett Barrios. He is not a state senator, though he is running unopposed for the office.

A photo caption in Friday's "On The Town" misspelled the surname of a performer at yesterday's Fleet Center concert. She is Sheryl Crow, not Crowe.

Because of a production error, a Friday interview with Professor Steven Pinker omitted part of a question and its answer. The exchange should have read:

"The Tech: What's your favorite ice cream flavor?
"Pinker: Edy's Vanilla Bean."

Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors, features editor, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and **editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m.

two days before the date of publication.

Letters and **cartoons** must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World Wide Web at http://the-tech.mit.edu.



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Illogical Arguments

Ken Nesmith

Deciding to invade Iraq may not be best for the United States right now. It may cost us far more than we could gain, and the attack could skew the regional dynamics messily and induce dramatic attacks against Israel or even other United States territory that otherwise might lie forever deterred. However, the standard bevy of objections laid out by the hodge-podge antiwar crowd are at various times inconsistent, inadequate, and irrelevant.

One principle objection is that the United States may not invade a country as it would violate that state’s sovereignty. If another nation posed a strong threat to our well-being or existence and had apparently sufficient hatred to strike us no matter the consequences for themselves, as did the perpetrators of 9/11, to do anything but preempt that attack would amount to suicide. Once we accept the inevitable truth that it is at times justifiable to invade a sovereign state to avoid huge losses of our own, the question merely becomes whether or not this is one of those times. The answer is unclear, but to shriek that we cannot violate a sovereign state until they hit us first is madness; it is equivalent to blindly insisting that you must wait for a robber pointing a gun at you to shoot before justifiably attempting to disarm him.

It is not acceptable to place the security of millions of people on deterrence, a situation which amounts to two enemies poking knives at each other’s throats and promising not to cut if the other guy doesn’t. If one person slips, both die. To pin opponents on the edge of death and allow them to do the same to us, and then proclaim the virtues of the stable situation, is crazy.

More dangerous is to employ deterrence against leaders who don’t care for their own lives or the lives of their people. Kim Jong Il, leader of North Korea, has expressed the desire to launch a nuclear strike against the United States even if it means the destruction of his own country. He wants North Korea to be a martyr. Fortunately, he doesn’t have the capability to do that yet. He is not someone with whom we’d like to engage in aggressive deterrence.

Leftists argue in various terms that we cannot force liberal democracy and capitalism on the world. Simply parsing their very expository statement reveals an inexcusable ignorance. Capitalism merely amounts to freedom — the freedom to enter into an agreement, or not to enter into that agreement. To “force freedom” on someone is oxymoronic. There is no legitimate moral alternative to granting humans their freedom, lest you make them slaves to someone else’s illegitimate and destructive demands and desires. To deny their freedom denies that which makes them human. Forcing capitalism and liberal democracy on others amounts to letting them do what they want. To object to that reveals some sad combination of ignorance and mistargeted resentment towards the nation that has promoted this ideal better than any other in history.

Some argue that bringing democracy to formerly unstable regions leads to instability and

even violence. That does not mean that democracy should not be sanctioned in those instances. Tyrannical repression of a society poisons and handicaps it to no end. In various instances, no independent media can distribute simple information, even minimal trade and development are stifled, women cannot walk the streets — or, in the case of Saudi Arabia, leave burning buildings — unless they are properly covered in accordance with religious law. I do not need to expound long about the obvious problems with tyrannical or oppressive theocratic societies.

Objectors complain that after we destroy the oppressive leaders of these nations, we will unleash chaos, and we won’t have an “exit strategy.” That’s true — we don’t have that roadmap. It’s difficult to build national success. Yet in making that objection, we ignore the damning consequences of our premises: that people in these nations are unacceptably oppressed. That granting them freedom would cause instability is not an acceptable response to their oppression, no more than is objecting to restoring the nervous system of a paralyzed man for fear that he would then feel the severe pain of an injured arm. Military action may not always be the best solution. Too often, though, none of the vocal objectors bother to present viable alternatives. They are content, it seems, to live in their own freedom and peace objecting to remote military action, but to again grow silent and withdrawn from the fate of the oppressed once the threat of war diminishes.

The most legitimate practical objection to attacking Iraq appears to be that we would encourage Saddam to use the weapons he has. The best argument hawks have mounted against this is that his commanders wouldn’t follow his orders for fear of later prosecution after Saddam fell. It’s clearly a wishful argument. Without coercive inspections, Saddam would simply be free to develop more biological and chemical weapons, and could cause more trouble later.

The best option, then, appears to be coercive and truly thorough inspections, with the first sign of hindrance by the Iraqis met with swift and punishing military reprisal. Saddam’s “presidential palaces,” a numerous set of buildings all over the country used for all sorts of things that are not presidential, would have to be included — already,

objectors line up to defend Saddam’s territory again.

Even though attacking Iraq appears not to be a good move right now so long as coercive inspections are implemented successfully, the most frustrating part of the national debate about Iraq is simply the weakness of the errant arguments made. Though approval of every United States action is by no means or suggested, some objectors no less reveal a lack of respect for principles of self-defense, morality, compassion, and human freedom, replaced by juvenile resentment towards a parent nation whose citizens, the children of its history, are occasionally spoiled by the moral and material blessings their sometimes imperfect forebears have granted. Let’s not forget how great we have it; let’s not allow others to suffer without.

To ‘force freedom’ on someone is oxymoronic. There is no legitimate moral alternative to granting humans their freedom.

Transgendered: More Than Meets The Eye

Philip Burrowes

Your sexuality should not determine your life. The moment your driving daily desire becomes tactile interaction is the moment you lose clarity in relations with potential objects (and, to a lesser extent, “competitors”). Whether or not the same is true of any relationship between individuals is a philosophical question, but just pick up any issue of Maxim and you’ll see the deleterious effects of carnal-centricity. Unfortunately, once people even suspect another is transgendered — whether it is a matter of sexual orientation or not — they often react as if that person’s thought process is dominated by homoeroticism. All that places this week’s celebration of “coming out” in a sensitive context, beyond its significance for particular participants. It is unwise to believe that the grand focus of people who transcend conventional gender roles would be dealing with others of specific groups, yet if the importance of accepting one’s identity is de-emphasized too much, then the entire concept of coming out is undermined.

We can all agree that “don’t ask, don’t tell” is, at the very least, a cop-out. Either perfectly reasonable, perhaps even beautiful,

behavior is literally rendered taboo, or deviancy is silently condoned. It doesn’t address the issue of education that the opposed extremes want to give to each other, but, more importantly, the silent majority. People in the middle, who don’t contemplate gender identity, have to become comfortable with ideas of one group or another for their respective messages to do any good. Not that coming out is solely some sort of pedagogical tool for the masses, but a great deal of its purpose lies in the fact that people in the closet are often afraid of what “the masses” will think.

It may seem ridiculous to believe that announcement of a personal preference is a political exercise, but if it were merely an internal assessment, then what would be the point of coming out to anyone but oneself? At the simplest level, the more people that are “out,” the less abnormal those in the closet will feel, and the more comfortable they will feel with their own gender. Someone only just coming to terms with an identity, however, does not need to be bombarded with reminders of that decision. Nobody tells heterosexuals that the instant they start to mature sexually, they should go clubbing.

Hopefully by time this article reaches print, the promotion of the week’s events will

An Unwanted War

Kris Schnee

At the urging of President Bush, the Senate is probably about to join the House of Representatives in giving Bush authority to make a huge mistake in our names. Congress is expected to grant Bush broad authority to wage war against Iraq in the name of the War on Terrorism if he deems it necessary. What Bush is asking is unreasonable, because he and his supporters have presented no compelling reason to fight and there are plenty of reasons not to.

Bush wants a war because Iraq’s dictator Saddam Hussein is building weapons of mass destruction (chemical, biological, and nuclear). So? Other countries have them, and while Hussein would probably like to use them on America, there’s no strong case before the public that Hussein is actually planning to do so. The White House may have secret intelligence information to that effect, but as long as that information is secret we can’t take even the President’s word for it.

Another of the pro-war arguments was that Hussein refused to submit to United Nations weapons inspections. Now he’s agreed. Presumably that means he’s hidden the laboratories better than before, so the inspectors need authority to scour Iraq and force their way past the obstructions Hussein will place while the United Nations is making its plans. The solution to getting a ruthless inspection team into Iraq lies in pressing the debate in New York, not in Washington. Should inspections fail, the United Nations then has cause for a global police action against Iraq, and the United States will not have to go alone.

The fact that Hussein is a thug doesn’t justify an American attack on him. While it’s a long-term American goal to promote democracy worldwide, crusading against every oppressive government in the world is a bad idea unless we plan to strike North Korea, Cuba, China, and so on. In fact, one of our main allies in the Middle East is Saudi Arabia, a monarchy ruled by Muslim law (Sharia). Fifteen of the seventeen September 11 hijackers were Saudi subjects. Yet instead of declaring war on this dangerous fundamentalist dictatorship, we’re allied with it because we like oil. Bush hopes for the king’s help in ousting another dictator, but there’s no great moral difference between our friend and foe.

Senator Sam Brownback (R-Kan.) gave a defense of the war resolution on Thursday, explaining that Iraq will benefit from being bombed into oblivion, “And the upside potential of our acting and helping allow the Iraqi people their freedom to be able to

move forward with a democracy is significant upside potential within that region for liberty and freedom to expand throughout that area.” Our “acting and helping” actually means killing soldiers, killing civilians (remember Bosnia?), destroying the country’s infrastructure, and overthrowing its government. Brownback wants to destroy the village in order to save it, a poor justification for war.

Bush isn’t alone in craving the right to strike first. Once America leads the way, China will have an excuse to “pre-emptively” conquer Taiwan, North Korea will protect itself from South Korea by invasion, and so on. Senator Robert Byrd (D-W.V.) in

Thursday’s debates pointed out that a presidential license to strike first would expand the already excessive power that generations of presidents have taken from Congress’ Constitutionally granted authority to declare war. The war resolution not only lets Bush (and by precedent, his successors)

invade anywhere he pleases without provocation; it also makes our country an aggressor.

It’s hard to stay still and wait for someone to attack our country before lashing out. The wait is taxing for ordinary people, and must be worse for our leaders with the responsibility they bear. Senator Brownback claimed that “doing something and acting now” is better than the “nothing” of debate and international cooperation. Certainly the action will make the politicians look good, and this is an election season, but that fact makes it even more important not to rush into battle. Election concerns can muddle Congress’ judgment and plunge the country into unnecessary, unwanted war.

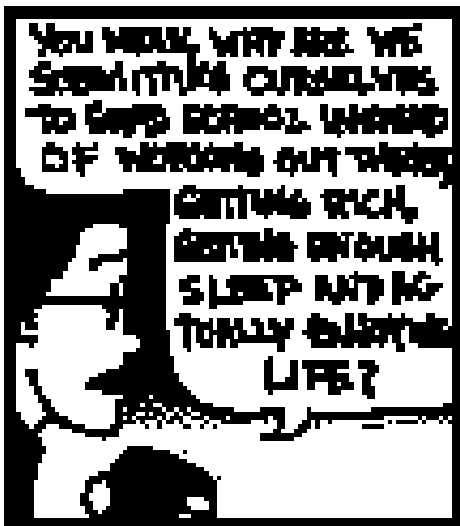
We have the power to destroy Iraq if we decide to use brute force, but do we want our country to lead the world by example?

We have weapons of mass destruction, we’re planning an unprovoked attack on a sovereign nation, we refuse to submit to inspections of our country’s bio labs and to the jurisdiction of the International Criminal Court — what sort of exam-

ple is that? We would make of ourselves a rogue nation in the eyes of the rest of the world. Crush Iraq and ignore the rest of the world, and we tell everyone who resents America that the only way left to lodge a complaint is to blow something up. For the sake of our own national defense, the best option is to oppose war with Iraq, work with the rest of the world to force Iraq open, and respond to foreign violence with law and order.

Crush Iraq and ignore the rest of the world, and we tell everyone who resents America that the only way left to lodge a complaint is to blow something up.

Our ‘acting and helping’ actually means killing soldiers, killing civilians, destroying the country’s infrastructure, and overthrowing its government.



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FoxTrot

by Bill Amend

Dilbert® by Scott Adams

Crossword Puzzle

Solution, page 17

Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Tuesday, October 8

10:00 a.m. – Admissions Information Session. Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Enter MIT at the main entrance, Lobby 7, 77 Massachusetts Ave (domed building with tall pillars). Proceed down the center corridor to Room 10-100 on the right. Following the Admissions Information Session is a Student Led Campus Tour which begins in Lobby 7 (main entrance lobby) Groups over 15 people need to make special reservations. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. – Campus Tour. Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Informations Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:00 a.m. - 12:00 p.m. – Special GTL Lecture. Quiet Supersonic Platform: Overview of Northrop Grumman’s Involvement with DARPA’s QSP Program. free. Room: 33-116. Sponsor: Gas Turbine Laboratory, AeroAstro.

12:00 p.m. - 1:00 p.m. – MIT Autumn Garden Walk. As the canvas of ambers, rubies and saffrons arrive, take a peaceful noontime respite with an autumn garden walk at MIT. Journey to some of the remarkable and stunning new gardens at MIT, with a visit to the new courtyard of birch and holly at 70 Pacific Street (the new graduate dorm) and possible visits to the gardens at Simmonds Hall and the Z Center (new athletic center on Vassar Street). Hosted by the MIT Gardeners. Space is limited. Limit 2 tickets per person with one MIT ID. Pick up tickets by Oct. 4th. Free. Sponsor: MITAC. MIT Gardeners.

12:00 p.m. - 2:00 p.m. – Mathematics & Rhetoric in Late Greek Antiquity. Dibner Institute Lunchtime Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.

12:00 p.m. - 1:00 p.m. – Keck School of Medicine Admissions Presentation. free. Room: 8-119. Sponsor: OCSPA.

12:00 p.m. - 1:00 p.m. – Mac OS X Quick Start. For newcomers to Mac OS X, preview some of its useful features — network and printer setup and file management with the OS X Finder. Take a look at applications that run “native” in OS X. Get answers to your questions about OS X and updates on the status of support for OS X at MIT. Room: N42 Demo. Sponsor: Information Systems.

2:00 p.m. – Admissions Information Session. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:30 p.m. - 3:30 p.m. – A Length-Dynamic Tonks Gas Theory of Histone Isotherms. Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Physical Mathematics Seminar. Department of Mathematics.

2:45 p.m. – Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

4:00 p.m. – Women’s Soccer vs. Babson College. free. Room: Steinbrenner Stadium. Sponsor: Department of Athletics.

4:00 p.m. - 5:00 p.m. – MTL VLSI Seminar Series. High Performance CMOS Design at IBM. free. Room: 34-101. Sponsor: MTL VLSI Seminar.

4:00 p.m. - 5:00 p.m. – Fracture in metal matrix composites. free. Room: 1-350. Sponsor: Engineering & Environmental Mechanics Group.

4:00 p.m. - 5:30 p.m. – Selling Sustainability: 10 Years, 10 Lessons. Huey D. Johnson is Founder, President, and CEO of the Resource Renewal Institute in San Francisco, CA, and is a former California Secretary for Resources (1978-82). free. Room: 4-237. Sponsor: Department of Urban Studies and Planning.

4:15 p.m. - 5:30 p.m. – GTL Seminar Series. Computational Modeling of Vortex Generators for Turbomachinery. free. Room: 31-161. Sponsor: Gas Turbine Laboratory, AeroAstro.

4:30 p.m. – “The Israeli-Palestinian Conflict: Where From and Where To?”. A session of the Emile Bustani Middle East Seminar. Mr. Malley is former Special Assistant to President Clinton for Arab-Israeli Affairs. free. Room: E51-095. Sponsor: Center for International Studies.

5:00 p.m. - 6:00 p.m. – Managing Relationships with Employers by Boeing Corporation. As you gear up for job search process, relationships with companies are critical to receiving job offers. “Managing Relationships with Employers” explores how to begin and develop these important relationships. There will be a focus on the latter steps of the job search process including: second round interviews, site visits and salary negotiations. free. Room: 4-237. Sponsor: OCSPA.

5:30 p.m. - 7:00 p.m. – Homophobia in Latino Cultures. People will be engaged in a dialogue on the image of Latino culture as a homophobic culture. The group will discuss this image and what can be done to change it. Part of MIT’s celebration of National Coming Out Week. free. Room: W20-028. Sponsor: lbgt@MIT, Latino/a Cultural Center.

6:00 p.m. - 7:30 p.m. – Toastmasters@MIT Evening Meetings. 77 Mass. Avenue, Cambridge, Building 2, Room 2-131. free. Sponsor: Toastmasters.

7:00 p.m. – Women’s Volleyball vs. Springfield College. free. Room: duPont Gym. Sponsor: Department of Athletics.

7:00 p.m. – Western Hemisphere Project: Open Meeting. We hold informal meetings throughout the year to discuss events in the news and to work on Project activities. If you want to just chat about these things, or if you want to join in and help organize, we’d love for you to attend. Free. Room: MIT 1-150. Sponsor: MIT Western Hemisphere Project.

7:30 p.m. - 9:30 p.m. – IDEAS Competition Kick-off. Interested in developing an idea for a product or program that meets community needs either in the United States or abroad? Do you already have an idea and are looking for resources and people to help make it happen? Come to the IDEAS competition kick-off event. We’ll give out application packets, explain how to enter the 2002-2003 competition and help you get started on developing your ideas. Refreshments will be provided. free. Room: 6-120. Sponsor: Undergraduate Association, Edgerton Center, MIT Public Service Center.

8:00 p.m. – Knockaround Guys (Sneak!). The four sons (Vin Diesel, Seth Green, Barry Pepper, Andrew Davoli) of major Brooklyn mobsters have to team up to retrieve a bag of cash in a small Montana town ruled by a corrupt sheriff. Specifically, the story gets started when Matt Demaret (Pepper) goes on a job to deliver the money for his mob father (Dennis Hopper) on the advice of his uncle (John Malkovich). Things don’t go as planned, though. Rated R for violence, language and some drug use. free. Room: 26-100. Sponsor: LSC.

Wednesday, October 9

10:00 a.m. – Admissions Information Session. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. – Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

11:00 a.m. - 12:00 p.m. – Optics & Quantum Electronics Seminar. Phase Coherent Stabilization of Single and Multiple Femtosecond Lasers: Development and Applications. free. Room: Grier Room B, 34-401B. Sponsor: Optics.

12:00 p.m. - 1:00 p.m. – Artists Behind the Desk Fall Concert. Adult storyteller Ed Dolan, Sr. Consultant, MIT Information Systems. free. Room: Killian Hall (Rm 14W-111). Sponsor: Working Group on Support Staff Issues.

12:00 p.m. - 1:00 p.m. – Web Accessibility: Making Web Sites and Software Accessible to Persons with Disabilities. Learn about MIT’s new policies and guidelines for insuring accessibility to online information and services for people with disabilities. This session shows examples of accessible and inaccessible design, and covers HTML coding techniques and tools that can help make your site or application ADA-compliant (i.e., in conformance with the Americans with Disabilities Act and similar regulations). Room: N42 Demo. Sponsor: Information Systems.

1:00 p.m. - 5:00 p.m. – “TAs: A,X”. Room: 68-089. Sponsor: 7.13.

1:00 p.m. - 6:00 p.m. – Rainbow Lounge Open. MIT’s resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbgt@MIT.

2:00 p.m. – Admissions Information Session. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:45 p.m. – Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:00 p.m. - 5:00 p.m. – spouses&partners@mit: Craft Group. The Craft Group, an interest group organized by Angela Rae, has gotten off to a great start. We have invited Angela and Shannon Culpepper to join us and share their secrets to a successful interest group. They also promised to bring in some of the group’s handiwork for show & tell. Childcare provided. free. Room: W20-400. Sponsor: spouses&partners@mit.

3:30 p.m. – Men’s Soccer vs. Brandeis University. free. Room: Steinbrenner Stadium. Sponsor: Depart-

ments Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

ment of Athletics.

4:00 p.m. – Prospects and Pitfalls: Getting Published in the Social Sciences. A Senior Editor of Cornell University Press visits CIS to share insights on the publishing world with MIT students and scholars hoping to see their social science projects in print. Bring questions! free. Room: E38-615. Sponsor: Center for International Studies.

4:00 p.m. - 6:30 p.m. – Open House and Dedication of Renovated Spaces at MIT Libraries. The MIT Community is invited to an open house and dedication program to celebrate several new and renovated spaces in the MIT Libraries—the new 24-hour Study Room, the new Preservation Laboratory, the renovated entrance to Hayden Library and the consolidated service desk, and the renovated Archives Reading Room. The event will feature a tour of the new spaces, refreshments, and a short dedication program at 4:45pm. free. Room: 14S-100. Sponsor: MIT Libraries Communications Program.

4:15 p.m. - 5:15 p.m. – Linearity in Combinatorics and Topology. Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.

6:00 p.m. - 8:30 p.m. – Medical Devices - The Long Road to Commercialization. Forum Members. \$20 Non-Members \$25. Students are Free. Room: Room 10-250. Sponsor: MIT Enterprise Forum of Cambridge, Inc.

6:30 p.m. - 9:00 p.m. – Advisor/Advisee Mixer. Please join the Office of Career Services and Preprofessional Advising (OCSPA) and the MIT AMSA for our annual Advisor/Advisee Mixer. As you know, an active advisor/advisee relationship is crucial not only to enable your advisor to write you a strong recommendation letter, but also to make your application process a success. This kick-off event to the new advising cycle will be a great opportunity for you to mingle with your advisor and get to know each other better. free. Room: Mezzanine Lounge, Student Center. Sponsor: OCSPA. MIT-AMSA.

7:00 p.m. - 8:30 p.m. – Buddhist Meditation: Guide to Bodhisattvas Way of Life. Lecture and Discussion on Shantideva’s “Guide to Bodhisattvas Way of Life”. free. Room: 8-205. Sponsor: Buddhist Community at MIT.

7:00 p.m. - 8:30 p.m. – Transgender Lives Panel Discussion. Millions of people identify as a gender that is different from that of their bodies. Come and hear us tell about our lives. We will answer any of your questions after you have heard our stories. Part of MIT’s celebration of National Coming Out Week. free. Room: 3-133. Sponsor: lbgt@MIT.

7:30 p.m. - 9:00 p.m. – Swing Dancing Lessons. free. Room: 36-156. Sponsor: Lindy Hop Society.

8:00 p.m. – Weekly Wednesdays @ the Muddy Charles Pub. Meet your fellow social graduate students at the Muddy Charles Pub located in the Walker Memorial Building. What will be there for you? \$1 drafts, a variety of beers, wines and sodas, lots of free wings, Sox on the screen. Bring IDs. free. Room: Muddy Charles Pub. Sponsor: Edgerton House Residents’ Association, MITEntrepreneurshipCenter. TechLink, Wing It.

8:00 p.m. - 10:00 p.m. – IFILM Film Seminar. Screening of Le Confessionnal (Canada/UK/France, 1995) directed by Robert Lepage. free. Sponsor: International Film Club.

8:30 p.m. - 11:30 p.m. – Swing Dancing. No partner required. Beginners welcome. free. Room: Student Center 2nd floor. Sponsor: Lindy Hop Society.

Thursday, October 10

10:00 a.m. – Admissions Information Session. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:45 a.m. – Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

12:00 p.m. - 1:00 p.m. – BrioQuery Quick Start. Learn how to download, install, and set up BrioQuery on your desktop. Learn how to download and process a standard report. An overview of the features and capabilities of BrioQuery will be given. Room: N42 Demo. Sponsor: Information Systems.

12:00 p.m. - 4:00 p.m. – Rainbow Lounge Open. free. Room: 50-306. Sponsor: lbgt@MIT.

12:00 p.m. - 1:00 p.m. – Stanford, UC Hastings, Northwestern, U Penn Law School Panel. free. Room: 1-134. Sponsor: OCSPA.

12:05 p.m. – MIT Chapel Concert. Takae Onishi, harpsichord. J.S. Bach’s “Goldberg Variations.” free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section.

1:00 p.m. - 3:00 p.m. – Conversational English Class. Join us for a free conversational English class for international students and spouses at MIT. Most attendees are women able to speak freely who desire to increase their English skills. Class covers a variety of topics including American culture and holiday descriptions. Free. Room: W11 Board Room. Sponsor: Baptist Campus Ministry.

2:00 p.m. – Admissions Information Session. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

2:45 p.m. – Campus Tour. free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave). Sponsor: Information Center.

3:30 p.m. - 5:00 p.m. – LCS Dertouzos Lecturer Series. Professor Brian Kernighan from the Department of Computer Science at Princeton University gives a lecture entitled “What Should an Educated Person Know about Computers?” Refreshments at 3:15PM. free. Room: 34-101. Sponsor: Laboratory for Computer Science.

4:00 p.m. - 5:00 p.m. – A dynamical approach to understanding the NAO — moving beyond statistics. Related paper available through link at event web page. free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

4:00 p.m. - 6:00 p.m. – Rainbow Reception. You’re invited! This annual faculty-student reception is an opportunity to meet LBGT and friendly members of the MIT community. Part of MIT’s celebration of National Coming Out Week. free. Room: Bush Room (10-105). Sponsor: lbgt@MIT.

4:15 p.m. - 5:15 p.m. – Physics Colloquium, Annual Pappalardo Lecture. Title: The Digital 3-D Universe in the National Virtual Observatory. free. Room: 10-250. Sponsor: Physics Department.

5:00 p.m. - 6:30 p.m. – Industry Leaders in Technology and Management Lecture. The Networked World, Are We Ready for It? free. Room: Wong Auditorium, Tang Center. Sponsor: Office of Corporate Relations/ILP, Center for Technology, Policy, and Industrial Development (CTPID).

5:00 p.m. - 6:30 p.m. – “Erewhons of the Eye: the Figure of the Writer/Photographer in Nineteenth-Century Europe”. Presentation by Dr. Elinor Shaffer, Senior Research Fellow at the School of Advanced Study (Institute of Germanic Studies), University of London. Her research focuses on Romanticism, Literature and the Visual Arts, and Literature and Science. free. Room: Room 14E-304. Sponsor: History Office, Program in Writing and Humanistic Studies.

5:30 p.m. – authors@mit - David Mindell - Between Human and Machine. Feedback, Control and Computing Before Cybnernetics. Today, we associate the relationship between feedback, control, and computing with Norbert Wiener’s 1948 formulation of cybernetics. But the theoretical and practical foundations for cybernetics, control engineering, and digital computing were laid earlier, between the two world wars. free. Room: 34-101. Sponsor: The MIT Press Bookstore. MIT Libraries.

6:30 p.m. - 9:00 p.m. – Queer Women’s Game Night. Stop by and have some pizza and fun with other QWILLTS (Queer Women Looking for Life in Technical School)! WOMEN ONLY PLEASE!! Part of MIT’s celebration of National Coming Out Week. free. Room: Rainbow Lounge (50-306). Sponsor: lbgt@MIT, QWILLTS.

7:00 p.m. – Water Polo v.s Harvard University. free. Room: Zesiger Pool. Sponsor: Department of Athletics.

7:00 p.m. - 9:00 p.m. – Green Statewide Candidate Forum. Green Party candidates for Governor (Dr. Jill Stein) and Treasurer (James O’Keefe) will speak about and discuss Massachusetts politics and the Green Party! Free snacks will be provided. free. Room: 1-190. Sponsor: MIT Greens.

7:00 p.m. – It’s Your Planet: How You Can Make A Difference. Amy Meadows ’03 and Shefali Oza ’04 worked as volunteers in Peru over the summer. They helped out at medical facilities, fed the poor, traveled, made new friends, and learned about Peruvian culture, history, and politics. If you’d like to see Peru as they saw it, or if you want to ask them for advice about your own plans to volunteer abroad, come attend their presentations! Free. Room: MIT Room 3-133. Sponsor: MIT Western Hemisphere Project.

7:30 p.m. – MIT Symphony Orchestra Pre-Concert Concert. Acting Music Director Frederick Harris will conduct and present brief commentary with Associate Professor of History Jeffrey Ravel, who will discuss the historical context of Beethoven’s Eroica Symphony. Concert precedes MITSO’s formal concert on Oct 25. Program: Dallapiccola’s “Piccola musica notturna”; Bruch’s Violin Concerto No. 1, (Amanda Wang, violin soloist and co-winner of the 2002 MIT Symphony Orchestra Concerto Competition); Beethoven’s Symphony No. 3 “Eroica.” free. Room: Kresge Auditorium. Sponsor: MIT Symphony Orchestra (MITSO).

8:00 p.m. - 10:30 p.m. – IFILM Film Seminar. Screening of I Confess (USA, 1953) directed by Alfred Hitchcock. free. Room: 4-237. Sponsor: International Film Club.

9:00 p.m. - 10:00 p.m. – SAVE Meeting. Join us when we discuss environmentalism at MIT in all its aspects, including: assisting the MIT administration to improve environmental conditions; taking a boat along the Charles to clean it; trips to local nature reserves; and plants for the MIT community. free. Room: 1-246. Sponsor: SAVE.

THE ARTS

OPERA REVIEW

Close Your Eyes and Enjoy Boston Lyric Opera's Barber of Seville

By Bence Olvecsky
STAFF WRITER

The Barber of Seville
Shubert Theatre
Oct. 8, 11, and 15 at 7:30 p.m.; Oct. 13 at 3 p.m.
By Gioacchino Rossini
Boston Lyric Opera
Conducted by Stephen Lord
Starring Lawrence Brownlee, Margaret Lattimore, Chester Patton, Terry Hodges

Imagine Mike Tyson in a wig and period costume serenading Julianne Moore to win her eternal love. It's a hard one, but if you can evoke the mood and feeling of such an imaginary scenario, you also capture the essence of what Boston Lyric Opera's tiresome version of Rossini's *The Barber of Seville* is like.

The production, which originates from Teatro Comunale di Ferrara in the composer's home country of Italy, is often preposterous and at times comic, but the laughs turn to yawns as the three-hour production quickly loses steam.

That's a shame, since *The Barber of Seville* deserves better treatment. Arguably the finest and most famous comic opera ever written, it has the potential for being great entertainment, with Rossini's gift for melody and comic relief giving it a timeless appeal.

The Boston Lyric Opera production starts out well. The opera's famous overture is played elegantly by the orchestra, setting the tone for an engaging evening, but when the curtain goes up, the bubble of anticipation burst.

The acting is what you would expect from a bunch of theater-obsessed high school students: mannered, obvious, and exaggerated, and the casting is also a bit unfortunate. Lawrence Brownlee (the Mike Tyson of the opening sentence) is Count Almaviva, a supposedly studly aristocrat who is trying to seduce the beautiful Rosina (Julianne Moore look-alike Margaret Lattimore) with the help of the Barber (Keith Phares).

That Mr. Brownlee is a head shorter than Ms. Lattimore makes the romantic scenes less comic than embarrassing, and the production is not helped by the stage set either. Francesco Calcagnini's colossal pieces of cream-colored architecture wobble and make noises as they are shuffled around the Shubert stage. The director, Stefano Vizioli, should take responsibility for having messed up what could have been an enjoyable evening.

But all may not be lost. Many people go to the opera for the music, and sit through the famous arias with their eyes closed to fully enjoy the singing. The Boston Lyric Opera's production caters to this crowd, with the singers and the orchestra delivering a first rate musical performance under the direction of Stephen Lord.

Particularly captivating is Margaret Lattimore's lyrical mezzo-soprano. She is definitely a rising star in the opera world, and will have her own recital as part of this season's celebrity series. Another highlight is Chester Patton's interpretation of the music master Don Basilio. His commanding bass and spindly figure gives his performance an eerie Nosferatu-like feel. Mr. Brownlee, though miscast, gives the audience moments of beauty with his sparkling, if uneven, tenor.

Given the nature of the production, this is a rare opportunity to get the most attractive seats in the house at the cheapest price. For once, it's the nosebleed seats that give you the best combo: restricted view and great acoustics.

Smile!

This space donated by The Tech

CONCERT REVIEW

The Aimee Mann Experience A Unique Voice and Passionate Lyrics

By Devdoot Majumdar
STAFF WRITER

Aimee Mann
The Orpheum Theater
Oct. 4, 8 p.m.

The world received its introduction to the tempered yet torrential backdraft that is Aimee Mann's voice around the time when she was a register girl at the original Newbury Comics across the river some twenty years ago. Since then, having somersaulted from record label to record label, suffering a relocation to Los Angeles, and finding a devoted following that trickled out of songs in films like *Magnolia* and *Jerry Maguire*, Mann could be found headlining her own concert at the Orpheum Theater last Friday night with opener Julianna Hatfield.

Mann's remarkable gift is her full and sensual realization of the art of being successfully blasé. Touring with a four-piece band — though just as easily marketable as a solo acoustic act — she sifted through her considerable repertoire, devoting a good third of the concert to her latest album, *Lost in Space*.

Endowing her lyrical poetry with a voice more weathered than many a jazz singer and certainly more sincere than most pop singers, Mann's "songwriter" niche does her passionate vocals an injustice. Enduring a good two decades of the music industry, literally from the steps of Newbury Comics to the steps of Viacom, Mann writes songs that define the fine line between being a hardcore romantic and being bitter and exasperated about the Carson Daly world. It is truly the coupling of her lyrical profundities and her unique voice that makes an Aimee Mann concert special.

If there is such a thing as an audience falling into a song, Mann makes it happen time and again. Mann's every verse is a hook — some sullenly ballad-like, some fiercely Fiona — resulting in a refreshing alternative to both the overproduced sound of modern rock and the lonely strumming of an acoustic flirtation. The complexity of her music rivals that of Billy Joel, making it impossible to even trace a song to any of its many choruses from hearing the first few bars. With the musical patience of an eclectic listener, the enduring gratification of Mann's songs stems from

this complexity, allowing the concert experience to far surpass the standard barrage of fleeting musical felicity that independent rock sometimes engenders.

There are only a few singers — most of them chicks with guitars — who can deliver lines like "Experience is cheap, if that's the company you keep." With more paths than a Greek tragedy, Mann managed to bring emotion to the most jaded of lines without betraying her calm with melodrama. Unlike many live performances of poetic songs, the crisp lucidity of every lyric carried throughout the Orpheum, permitting even an unfamiliar listener to transcribe the entire concert. And so it became possible to trace Mann through her elaborate lyrics. "Lost in Space," the title track of her latest album, is a wonderful new incarnation of Mann's Byzantine lyrical style: "But I'm the stuff of happy endings / that mostly bluff belief's suspending that / close



NINA KSHETRY

Aimee Mann performs with her band at the Orpheum Theater in Boston last Friday.

enough for just pretending to care."

But for all the listeners who don't quite partake in the lyrical trajectory, Mann's distinctive emotionally wrought voice more than suffices. Unfortunately, the uniqueness of Mann's voice was perhaps a bit too unique on Friday night. Some of the more soothing undertones of Mann's voice might either be a

FILM REVIEW ★★★

Sex With Strangers A Strange Ride From Taxi Drivers to Sex

By Jed Horne
STAFF WRITER

Sex With Strangers
Written and Directed by Joe and Harry Gantz
Unrated, contains language and graphic sex

A string of cinema-verité credits give Joe and Harry Gantz a legitimate claim to being the best psuedo-voyeuristic documentary filmmakers in the industry. Building on the success of HBO's *Taxicab Confessions*, their latest film examines the lives of three otherwise normal couples that "swing."

James and Theresa are the most secure in their deviancy. Despite Theresa's sagging chest and the apparently-unnoticed tastelessness of James' body piercings (think Anthony Hopkins with a southern accent and pierced ears), they've kept at it, bagging three, sometimes five partners in a weekend, and enjoying every minute of it.

Calvin, Sara and Julie are the most pathetic. If you hated the whiny emptiness of characters in mid-nineties flicks like *Ghostworld* or *Reality Bites*, you'll hate this trio. As manipulative and insincere as Calvin tries to be, he can't seem to get rid of poor Sara, who

can't have Calvin because he really wants Julie but has sex with both of them. Please.

Shannon and Gerard are the most screwed up. The third (and least developed) of the pairings, they began swinging on the recommendation of a marriage counselor. Despite stiff competition from Calvin and Sara, Shannon and Gerard are the only couple with a



JOE AND HARRY GANTZ

Calvin, Sara and Julie express their feelings in *Sex with Strangers*.

legitimate claim to psychological issues. Waveland, Mississippi is where they have chosen to live out the (un)happiest years of their lives. Ever been to Waveland? Don't go.

There's much about *Sex with Strangers* that's worth watching. I've always won-

dered what kind of people would allow someone to film their personal lives. Usually documentaries are about characters that are completely crazy (*Grey Gardens* comes to mind) or egotistical to the point of parody (like Tammy Faye Baker). What makes this movie different is that these are normal people, with (surprisingly) pedestrian problems, who let a couple of guys they don't even know come and film them fighting, flirting, and having sex.

It makes you wonder what they think about themselves. Is Calvin aware of what an asshole he is? What do Shannon and Gerard think (if anything) about everyone knowing that Shannon was abused as a child? For me the most intriguing part of any documentary is not the vicarious thrill of other people's lives. It's the bizarreness of the spectacle. If you want bizarre, *Sex with Strangers* just might turn you on.

But nagging questions hover over the movie, making it a little difficult to completely fathom. Most egregiously, it's hard to tell exactly what the Gantzes are doing. Are these people supposed to be humanized? If so, why do they all seem so petty and screwed up? Is the movie supposed to be voyeuristic? If not, why are the sex scenes so long?

What struck me is that the jump from *Taxicab Confessions* wasn't as easy as the Gantzes might have hoped: a show clearly aimed at horny adolescent kids is a far cry from a tasteful analysis of a difficult subject. There is a fine line between observation and voyeurism, and the Gantzes try, but fail, to straddle it. Overreach, however, is a forgivable mistake, and it doesn't make *Sex with Strangers* any less fascinating.

Some have always complained that Mann is a bit too much of a sedative for their tastes, pointing out their inability to get into her music. Without doubt, last Friday, the entire Orpheum Theater palpably felt the depth of meaning and subtly passionate vocals that encompass the Aimee Mann experience.

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CONCERT REVIEW

One Good Sound

Dave Holland Big Band Performs From New Album

By Allison Lewis
ASSOCIATE ARTS EDITOR

Dave Holland Big Band
Berklee Performance Center
Oct. 4, 8 p.m.

One big, full, beautiful sound filled the concert hall Friday night. It belonged to the Dave Holland Big Band. On stage was Dave Holland, wearing a big smile and wiggling his hips with his bass. In addition to his bass, Holland's 13-piece band included four saxophones (two altos, one tenor, and one baritone), three trombones, three trumpets, percussion, and vibes, all played by fun, friendly-looking guys, who, like Dave Holland, liked to smile. Their music was both well-rehearsed and well-played. It was polished, straight-up jazz, with several key solos, all, of course, driven by Holland's powerful walking bass line.

Holland has explained his sound in the past: "I wanted the music to be settings for improvisers ... to combine improvisation and written parts. Flexibility has been built into the music, so we can change it from night to night ... so that each personality comes through."

On stage, some personalities came through more than others. The trombones and saxophones played with the most force. At times, Holland and the trumpets seemed to be playing in the shadow. But, after listening to Hol-

land's new album, *What Goes Around*, I realized this trombone-sax emphasis is key to Holland's sound. The music is calm, and sometimes dark, carried along by buzzy, melodic saxophones, and dramatized by brilliant, sliding trombones.

They played "Blues for C.M.," a song off their new album; for me, this song was the high point of the night. Dedicated to Charles Mingus, "Blues for C.M." is not a blues at all, but a very chill, tuneful tune, with a cool and confident stride. Each instrument section has its own melody, and the ensemble of melodies comes together into one awesome sound, the way it should. I had listened to and loved this song on the new album, but on stage, it was slightly different and even more impressive with magical solos. Steve Nelson's vibraphone solo was light, fast, and, well, vibrant. Antonio Hart's alto saxophone solo had a sweet and stunning sound.

Most mesmerizing was Holland, whom I had waited all night to hear. Now he played his solo, fast and furiously. He looked angry, but played a smiley, melodic sound.

For the rest of the night, I made a point to watch Holland. If he hadn't been so perfect, I might have noticed him more in the beginning. He fit inside the music, bending notes, plucking away with quick fingers, producing a thick and exciting sound. Happy in its state of non-use, the bow, somehow attached and protruding from the bottom of his bass, danced



TIM SUEN—THE TECH

Bassist Dave Holland and his Big Band of jazz musicians accompany tenor saxophonist Chris Potter during his solo in the song "Last Minute Man." Dave Holland's Big Band played at the Berklee Performance Center last Friday evening.

along with the swaying instrument.

All night, the big band's sound was "Happy Jammy," the title of the last tune performed. Only then did I finally notice the amazing drummer, Billy Kilson, whom, like Holland, I had overlooked before because he was keeping the beat so well. Kilson broke into rhythms I swear I've never heard, a sound like a seizure. And then he went crazy with it, and I wanted the obnoxious sound to stop. After a while, he calmed down (as did I), just in time for the finale, which was followed by much cheering and applause.

Holland has spoken in the past about his outlook for his genre of music: "My concept for the big band is really the celebration of the collective by a group of true individuals." During the night, every person in the band got at least one chance to solo. Some solos were more individual than others; after a while, many of the solos began to sound the same — this isn't what impressed me.

Dave Holland's Big Band played music that was fun and filled with skill and talent. This is what I was in the mood to hear: no funky or cacophonous contemporary music. Just classic stuff: Good, harmonious sounds. Dave Holland played wonderful jazz.

FILM REVIEW ★★1/2

Red Dragon

Lecter's Chilling Prequel

By Kevin Der
STAFF WRITER

Red Dragon
Written by Thomas Harris and Ted Tally
Directed by Brett Ratner
Starring Anthony Hopkins, Edward Norton, Ralph Fiennes
Rated R

Next time you're invited to dinner at someone's home, be wary of any kind of mystery meat served, especially if someone you know has just vanished without a trace. The Lobdell Food Court has taught us that much. Hopefully, what you haven't learned from Lobdell or even 8.01 is how to make sweetbreads from the human liver, but at least one man can teach you how — Hannibal Lecter.

The insane doctor, played for the third time by Anthony Hopkins, returns to us in *Red Dragon*, adapted from Thomas Harris' novel. This first book in the Lecter trilogy, filmed once before in 1986 as *Manhunter*, precedes *Silence of the Lambs* and *Hannibal*, both of which also became films in which Hopkins starred. Though *Lambs* will always be unique in its novelty and psychological disturbance, *Red Dragon* comes close to rivaling its original film predecessor.

Will Graham (Edward Norton), the FBI agent who captured Lecter after a brutal encounter between the two, is pulled away from a peaceful retirement in Florida with his wife and young son in order to apprehend another serial killer named Francis Dolarhyde (Ralph Fiennes). In order to find this criminal nicknamed the Tooth Fairy, who slaughters entire sleeping families under the full moon, Graham must revisit the jailed Lecter for his forensic expertise. Sound familiar, Clarice?

The two central relationships in the film, one of which is between Graham and Lecter, are emotionally gripping and turn *Red Dragon* into something more than a foolish imitation of *Silence of the Lambs*. The viewer is chilled by the tension in the scenes where Graham tries to pry information out of the caged and shackled Lecter but simultaneously recalls his near-death experience at the killer's hands. Edward Norton plays this role extraordinarily well, surpassing his performance in *Fight Club*.

Of course, Hopkins' reprisal of Lecter is masterful and fully conveys the doctor's disturbing psyche, arguably more twisted at this point than the later version of Clarice's Lecter.

At the same time, the interaction between Dolarhyde and Reba (Emily Watson), a blind woman who befriends the killer, is equally powerful. One cannot help but shudder as Reba tries to put the moves on Dolarhyde, a perverse individual whose murderous identity is fueled in part from a painting of a dragon by William Blake. Dolarhyde's motives otherwise stem from schizophrenia resulting from an abusive grandmother. Fiennes convincingly plays this complicated character, although not as well as he depicted the Nazi Amon Goeth in *Schindler's List*.

Comparing *Silence of the Lambs* and *Red Dragon* is not a difficult task. Who was better, Jodie Foster or Edward Norton? Obviously the former. The relationship between Clarice and Lecter is unrivaled. In addition, though the suspense in this film is admittedly frightening at



GLEN WILSON—UNIVERSAL STUDIOS

Lecter (Anthony Hopkins) bargains with Agent Will (Edward Norton) from his cell.

times, it cannot compare to that of the original masterpiece. *Red Dragon's* story elements, particularly the ending, are somewhat predictable, unfortunately.

Nevertheless, it is a praiseworthy film adaptation of Thomas Harris' novel. We

could have received much worse from director Brett Ratner, the same man who produced the mindless *Rush Hour* films. *Red Dragon* falls just short of the filmmaking wizardry that was *Silence of the Lambs*, which means it's worth seeing.

2002-2003 EMBS-BMES Distinguished Lecture Series

Rediscovering Exuberance: The CIMIT Experience in Innovative Medical Device Design

Jonathan Rosen, Ph.D.

Associate Director of CIMIT
(Center for Integration of Medicine and Innovative Technology)
Director, CIMIT Office of Technology Development

Thursday, October 10, 2002
7PM (Refreshments at 6:30PM)
MIT, Room 6-120

Questions? Contact Audrey Wang (audreyw@mit.edu), MIT Biomedical Engineering Society, VP of Special Programs

MIT Department of Facilities

CAMPUS CONSTRUCTION UPDATE

Simmons Hall
Temporary ceiling tiles in main lobby have been replaced. The remaining tiles are on site and will be replaced floor-by-floor. Remaining construction on the building continues and noise is being mitigated so disruption to residents will be as minimal as possible.

Building 7 ADA accessible entrance
On Tuesday, October 8, construction of an ADA accessible entrance to Building 7 will begin. Shrubs and trees on the north side of the 77 Mass. Ave. steps (behind the bus shelter) will be removed to make room for installation of this entrance. Shrubs and trees will also be removed from the south side of the steps so that both sides can be replanted in balance upon completion of the project.

Vassar St. Utilities
Excavation for the steamline to Advanced Energy across Main Street has begun on the night shift, from 9 p.m. to 5 a.m., to minimize traffic impacts in the area. The steam piping and backfill at Johnson Athletics is nearing completion. Vassar St. is now one-way from Main St. to Mass. Ave. until January 2003.

Stata Center
Temporary building enclosures are being installed in preparation for inclement weather. Installation of the below-grade supports for the exterior stairs leading to the raised garden continues. Exterior brickwork continues.

Hayden Library
The new circulation area is now open. Work on the 24-hour study space continues; this space will open later this fall. The after-hours book drop will be installed in October. Signage and lighting for the main entrance are nearing completion.

For information on MIT's building program, see <http://web.mit.edu/evolving>
This information provided by the MIT Department of Facilities

RESTAURANT GUIDE

Vegetarian and Vegan Dining at MIT

Part I: MIT Dining and Grocery Stores

By Sonja A. Sharpe
STAFF WRITER

This is the first in a two-part series on vegetarian eating options. Next week: vegetarian and vegan restaurants in the Boston area.

Now that classes have begun in earnest at MIT, a student's thoughts typically turn to where to go to find the fastest, cheapest food in the area. Often, vegetarians and vegans have difficulty in this regard, since restaurants on MIT's campus and in the general Boston and Cambridge area do not all offer a large selection of vegetarian/vegan options.

This guide, updated from last year, was created to demonstrate the wide variety of vegetarian and vegan cuisine that is indeed available in the Boston/Cambridge area. It should prove most helpful for those incoming students who are new to Boston, but it can also serve as a wonderful tool for those who are just beginning to explore a vegetarian diet, and for veterans of vegetarianism or veganism, as well.

The guide first lists the best places to go on campus for vegetarian/vegan fare, followed by a list of grocery stores where vegetarian/vegan items can be easily purchased.

For the purposes of this guide, vegetarian is taken to mean no meat or fish products, but including dairy and eggs. Vegan is taken to mean no animal products at all, but including honey.

For more general information about vegetarianism/veganism, there are many vegetarian groups active in the Boston area that provide information about events, recipes, and other related issues. The Boston Vegetarian Society is an excellent example of this. Their Web site, found at <<http://www.boston-veg.org/index.html>>, is a great place to find out what vegetarian-related events are going on in Boston (for example, the Boston Vegetarian Food Festival will be held on Oct. 19 this year). The site also hosts a long list of links to other vegetarian/vegan-related web sites.

MIT even has its own MIT Vegetarian Group. Students are free to subscribe to any of its many e-mail lists, which cover topics from recipes to planned activities and group dinners. The group's Web site, <<http://web.mit.edu/vsg/www>>, is rather informative and provides a very comprehensive list of links related to vegetarian/vegan issues.

On Campus

A comprehensive list of all of MIT's dining locations, including brief descriptions of the type of food served, can be found at <<http://web.mit.edu/dining/locations/index.html>>. Exact hours of operation are listed at <<http://web.mit.edu/dining/hours/index.html>>. The places mentioned below offer a variety of vegetarian options, as opposed to just one or two items.

In general, MIT Dining is pretty good about providing vegetarian meals, but vegans

will have a more difficult time finding much variety in pre-prepared foods. However, the choices for vegans at MIT's restaurants are much improved over last year. In addition, MIT Dining has confirmed that the breads, pita, bagels, and wraps used to make sandwiches are all vegan, and so is the white rice served in the oriental venues on campus.

Students who have any suggestions or even recipes that they would like to share with MIT Dining are encouraged to send an email to meal@mit.edu.

Alpine Bagel Café and Cambridge Grill

New to MIT this year, Bagel Café and Cambridge Grill is an independently owned company featuring fresh bagels, sandwiches, burgers, salads, pizza, and smoothies. It's probably the most vegetarian and vegan friendly restaurant on campus; vegetarians can find a variety of salads, veggie wraps, veggie pizzas, and a few veggie bagel sandwiches. In addition, most of the burger options can be made vegetarian simply by selecting a veggie burger for the patty instead of a meat burger. Vegans will find that virtually all of the vegetarian options on the menu can be made vegan simply by omitting the cheese, and the staff will happily make a cheese-less pizza for anyone. The bagels themselves are also vegan, and made fresh from scratch every morning

Lobdell Food Court

The food court certainly gets the award for most improved selection, compared to the offerings for vegetarians and vegans last year. *The Garden* was essentially designed for vegetarians and vegans, and offers vegetable wraps, Asian noodle bowls, and much more. *Pesto's* serves veggie pizza and pasta dishes, and vegetarians and vegans can also find meals at *Fusion*. *Homestyles* can make you a hummus sandwich, and even *Burger King* offers their veggie burger here, with an all vegan patty; all you have to do is ask for it. The rice and beans at *Quixote's* are vegan, and the *Salad Bar* is much improved this year with the nice addition of vegan and vegetarian pasta salads and bean salads, in addition to the usual salad makings. *Kettle Cuisine* also features a daily vegetarian soup, although it is not always vegan.

Walker Memorial

The food court in Walker has not improved its veggie selection much from last year. There are a few vegetarian dishes offered each day, including pasta, veggie pizza, and a vegetarian soup-of-the-day. The biggest change from last year is the addition of sushi to the menu, including a couple of all veggie sushi selections, which are also vegan. The food court here also sells Odwalla Bars,

which are essentially vegan power bars.

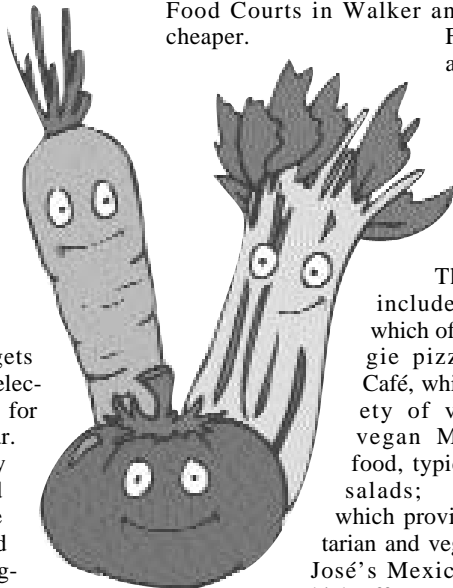
Cafés and Coffee Shops

MIT's campus boasts several small cafés and coffee shops: Dome Café (Building 7, 4th Floor), Building 4 Coffee Shop (Building 4, Infinite Corridor), Bio Café (Building 68, 1st Floor), The Coffeehouse (Student Center), East Side Café (Building E19, 3rd Floor), and Refresher Course (Sloan Building, 1st Floor)

These cafés offer only limited vegetarian fare, typically in the form of bagels, pastries, pizza, yogurt, and a few pre-prepared salads and veggie wraps. The East Side café does offer several vegetarian breakfast options. There is little available for vegans at these locations, however, typically only a couple of the pre-prepared salads and maybe one of the veggie wraps, although even that is an improvement over last year.

Food Trucks

The food trucks on campus offer a decent variety of vegetarian meals, similar to the Food Courts in Walker and Lobdell, but cheaper.



Four food trucks are located just off of Ames Street on the parking lot side of the Biology Building (Building 68). The options here include Yona's pizza, which offers several veggie pizzas; Jerusalem Café, which offers a variety of vegetarian and vegan Middle Eastern food, typically wraps and salads; Goosebeary's, which provides many vegetarian and vegan options, and José's Mexican Restaurant, which offers vegetarian burritos, enchiladas, and nachos. The rice and beans at Jose's are also vegan. A fifth food truck, Couscous Kitchen, is usually parked on Massachusetts Avenue across from the Student Center. Couscous offers Middle Eastern food of the same type as Jerusalem Café, but is slightly cheaper. There is also a second Chinese food truck parked on Massachusetts Avenue, but it is slightly more expensive than Goosebeary's, and offers fewer vegetarian selections. Food truck hours are generally 11 a.m. – 3 p.m.

Grocery Stores

LaVerde's

This grocery store is conveniently located on the first floor of the student center, but it is a bit pricey. The store does have a veggie-friendly deli and pre-prepared vegetarian baguette sandwiches, but it offers only limited produce, none of which is organic. However, the Sant's selection of sandwiches (located

with the prepared sandwiches at the front of the store) are made with some organic ingredients and are all outstanding. All of the varieties (including hummus and black olive, tofu salad, tempeh Reuben, etc.) are vegan except for the eggplant Parmesan and the seitan Parmesan. LaVerde's also sells tofu, soy yogurt, veggie hotdogs, soy and rice milk of several varieties, organic milk yogurt from Stonyfield Farms, sorbets, vegetarian sushi, vegan Odwalla Bars, and vegan cookies made by Boston Cookies, a company based in Somerville, MA.

MIT Stratton Student Center
617-621-0733
Hours: Mon – Fri, 7:00 a.m. – midnight
Sat – Sun, 7:00 a.m. – 11:00 p.m.

Walker/Pritchett Convenience Store

This convenience store, located behind Pritchett Grill in Walker Memorial, offers an excellent variety of frozen organic, vegan meals (the Amy's brand frozen meals, for those who are familiar with them), although they are more expensive here than at Star Market. The Pritchett store also sells organic miso, organic cola, and organic pasta sauce, in addition to stocking a variety of other vegan friendly, non-organic items. The Pritchett Grill restaurant itself, however, is less vegan friendly, offering only the basic vegetarian menu options, such as a garden burger, a pasta dish, and a grilled cheese sandwich.

Walker Memorial (Building 50), 2nd Floor
617-253-2410
Hours: Mon – Fri, 6 p.m. – 1 a.m.
Sat – Sun, 11 a.m. – 11 p.m.

Harvest Co-operative Supermarket

Harvest is a wonderful source for vegetarian, vegan, and organic foods, and it is the most convenient health food store to MIT, located right next to the Central Square MBTA subway stop. Harvest has a wide selection of pre-packaged, easy-to-prepare vegetarian and vegan foods, and membership is not required to shop there. They also have an excellent bulk section, including many different spices, which you can buy in any quantity from a pinch to a pound or more.
581 Massachusetts Avenue (Central Square)
617-661-1580
Subway: Central Square (Red Line)
Hours: Mon – Sun, 9 a.m. – 9 p.m.

Bread and Circus


Bread and Circus is a national chain of whole and natural food supermarkets. It offers excellent produce and organically grown foods, as well as a variety of eco-friendly household and personal care products, very similar to Harvest Co-op.
115 Prospect Street, between Massachusetts Avenue and Harvard Street (Central Square)
617-492-0070
Subway: Central Square (Red Line)
Hours: Mon-Sat, 9 a.m. – 10 p.m.; Sun, 9 a.m. – 9 p.m.

Trader Joe's

Trader Joe's stores also offer upscale products such as health foods, organic produce, packaged vegan and vegetarian foods, and nutritional supplements, again very similar to Harvest Co-op.
899 Boylston Street (Back Bay)
617-262-6505
Subway: Hynes Convention Center (Green Line) or just walk over the bridge from MIT
Hours: Mon – Sun, 9 a.m. – 10 p.m.

Star Market


Although it is a regular chain supermarket, Star offers a rather large selection of health/vegetarian/vegan foods in its Wild Harvest section. Organic produce is also available sometimes, but the selection is usually limited. The closest one to MIT (address below) does carry Wild Harvest products, as does the one at Porter Square, but not all Star Markets offer Wild Harvest selections.
20 Sidney Street, next to University Park Plaza, off of Massachusetts Avenue
617-494-5250
Subway: Central Square (Red Line) or just walk down Massachusetts Avenue from MIT
Hours: Mon – Sun, 7 a.m. – midnight




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Governor Candidate



James O'Keefe
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CONCERT REVIEW

Hooba Don't Stank

Bringing the Floor Down

By Cindy Yuan

Hoobastank, Greenwheel and Blindside
The Roxy
Oct. 4, 6:30 p.m.

Hoobastank came this past weekend to perform at the Roxy, bringing with them Blindside, Greenwheel, and hundreds of eager fans. In a relatively early show, Greenwheel hit the stage at 6:30. Performing six songs, including their single “Breathe,” and crowd favorites “Shelter” and “Dim Halo,” the band received a warm welcome. As one concertgoer said, “I’d never heard of them before, but they’re definitely cool.” In a rare concert move, however, the group was interrupted just as they were about to begin their seventh song and told to leave the stage. As the crowd stood curious and confused, the band apologized and left the stage as directed by superiors. While everyone was naturally disappointed, it provided lead singer Ryan Jordan with a natural exit. “Well, Boston, we’ll just have to come back and finish that song.”

A group inspired by bands like Panic, Live, Tool, Radiohead, and guitarist Jeff Buckley, they described their incredible gratefulness for the amazing fans they have at such an early stage in their career. “We actually have really sweet, generous fans. They’ll cook for us, make us care baskets, and bracelets with our names on them. We really get a lot of admiration and support from them. It’s very flattering. Hopefully that means good things,

but we’re really appreciative,” said guitarist Andy Dwiggins. Originally from the suburbs of St. Louis, Missouri, the group has appeared on such blockbuster movie soundtracks as *The Fast and the Furious* and *Spiderman*. Dwiggins went on to comment about the experience touring with a band like Hoobastank. “The fans are really young and excited and have a great energy every time we play a show. We’ve been fortunate to have really awesome security people working. The big venues for us are still very intimate so you don’t feel disconnected. You feel right there with them rocking out and sweating.”

Having nearly literally kicked Greenwheel off the stage, the stagehands started setting up for Blindside. The crowd, accompanied by filler music, started chanting various comments that expressed their discontent (fill in



Dan Estrin, Doug Robb, Markku Lappalainen, and Chris Hesse of Hoobastank deliver a live performance at the Roxy nightclub. They were part of a three-band show that also included Greenwheel and Blindside.

the blanks for yourself). After a half hour wait, the crowd forgot their irritation and openly welcomed Blindside onto the stage. A seemingly oxymoronic Christian heavy metal band, the group seemed to have a devoted following. Performing many tracks off their new CD *Silence*, the lead singer, Christian Lindskog graced the crowd with his occasional bursts of water spewing glory and mid-air jumps. The crowd quickly packed the wooden

anticipation of the headliners: Hoobastank. The much-anticipated entrance of the band transformed the crowd into a frenzy mosh pit. In a typical high-energy set, the band performed their world-wide hit “Crawling in the Dark” and their latest single “Running Away.” As the band prepared to play “Pieces,” the pit was invited by lead singer Doug Robb to “jump and bring the floor down.” Naturally, the fans responded and before the lyrics even started and the crowd quickly started rocking the house. Literally. Security quickly stepped up and kept the crowd-surfers and moshers to a minimum. While it was quite humorous to see a very built 250-pound man in sunglasses stand with his arms crossed in front of an insane crowd waiting to scoop up crowd-surfers and bring them to safety, their purpose was well served as they protected numerous fans from potential crashes into the ground. After a 45-minute set, the band wrapped things up, much to the crowd’s chagrin. However, before departing from Boston, the group announced to the crowd that, “thanks to your help, our CD has finally gone platinum.” As soon as the band finished their last song, the crowd quickly dispersed. As the staff ushered the immense crowd out the doors, any fan you spoke to could only speak great words of the concert, and naturally so.

CONCERT REVIEW

Crowd-Pleasers at Symphony Hall

Rafael Fruhbeck de Burgos leads BSO in Beethoven, Stravinsky

By Jeremy Baskin
ARTS EDITOR

Boston Symphony Orchestra
Rafael Fruhbeck de Burgos, conductor
Symphony Hall
Oct. 3, 5, 8 at 8 p.m., Oct. 4 at 1:30 p.m.

A new face at the helm every week or two, carefree musicians prancing through the standard repertoire: such are the characteristics of an orchestra’s existence in between music directors. This week, the latest face at Symphony Hall was the venerable Spanish maestro Rafael Fruhbeck de Burgos, who led the Boston Symphony Orchestra in Beethoven’s *Sixth Symphony (Pastoral)* and Stravinsky’s *Rite of Spring*.

With no room for an overture or — God forbid — an unknown, recent composition, perhaps a world premiere, the program began by launching the audience into perhaps the most placid of Beethoven’s symphonic works. How the composer managed to write

strings, notably the first violins, adopted the pastoral of tones. A sweet tone alone cannot win the day, as the challenge in this piece lies not simply in establishing the pastoral setting but achieving that feeling without losing the music’s direction, which still must be present here, as in any symphony of the period.

Maestro Fruhbeck’s grandiose gestures led me to realize that Beethoven’s name appears engraved directly above (about four stories above) the podium. The man upstairs was probably smiling contently, as he obviously didn’t have anywhere to be in a hurry. Perhaps, with familiar repertoire performed at comfortable tempos and little emphasis on the internal tension, the theme of this evening could have been “too much of a good thing.”

What tie binds the *Pastoral Symphony* to the *Rite of Spring*? One is a musical tableau of tranquility while the other is perhaps one of the most abrasive (and, of course, successful) assaults on tonality. They are separated

their disposition from docility to ferocity. The introduction, though appropriately harmonically jarring, was a bit too dynamically unbalanced, with individual instrumentalists aiming for the back of the hall rather than playing off of one another.

The ensuing rhythmically charged “Auguries of Spring,” arguably the most recognizable part of this piece, was given a rather careful reading. This is not a piece for which the first five minutes should be used as a warm-up, but it appears that the BSO players were doing exactly that on Saturday night, when I attended the concert. Alas, this is the type of complacency with which maestro Fruhbeck had to deal.

And deal, he did. The intensity of the music continues to build throughout the first part of this two-part work, and maestro Fruhbeck achieved the daunting task, little by little, of getting the players to turn their laxness into complete carnality. The second part of the ballet, slightly less ferocious, though equally intense, was executed very well (apart from a piccolo miscue), thanks in no small part to excellent timpani playing.



Maestro Rafael Fruhbeck de Burgos led the BSO in a carnal performance of Stravinsky’s *Rite of Spring* last Saturday.

this serene piece concurrent with his composition of the furious *Fifth Symphony* is more than a simple testament to his supreme artistry; it is quite a mystery.

The 69-year-old maestro Fruhbeck, conducting without a score for the duration of the evening, imbued right from the start the sense of relaxation in the players. The

by about 100 years in time but an eternity in mindset. Yet, they both rely on musical picture-painting to achieve their goals; in the terms of a scholar, both pieces are highly programmatic works.

The reading began timidly enough; perhaps a fifteen-minute intermission was not enough time for the musicians to fully change

As the audience applauded for maestro Fruhbeck and the musicians, one is left simply to ponder the myste-

Boston Symphony Orchestra Student Ticket Program 2002-2003

The Council for the Arts at MIT offers MIT students the opportunity to attend up to 20 Boston Symphony Orchestra performances during the 2002-03 season for no charge with the BSO College Card.

MIT students only need to show their valid MIT Student IDs at the BSO Box Office (301 Massachusetts Ave.) to pick up a BSO College Card.

Each BSO College Card offers a seat to up to 20 concerts and open rehearsals during the upcoming BSO season.

Beginning at 9:30am on the day of each concert offered through the card, student cardholders will be able to call a special designated phone line (617-638-9478) to confirm that tickets are available for that day's concert. Tickets will be available for pickup - one per cardholder, student ID required -- at the Symphony Hall Box Office from 10 a.m.-6 p.m. on concert days. Tickets are available on a first come first-served basis, but a minimum of 100 tickets will be held for each BSO College Card concert.

Only one card per MIT student ID will be issued.

Lost or stolen cards cannot be replaced.

All programs and artists are subject to change.

For the list of eligible concerts, go to:
<http://web.mit.edu/arts/general/BSO.html>



1: Nobel laureate Richard Roberts (Physiology or Medicine '93) presents his 24/7 seminar on biochemistry under the watchful eye of V-Chip monitor attorney William J. Maloney.

2: Professional opera singer Margo Button sings the "Grand and Glorious Anthem of the Jargoneers," the finale of the mini-opera "The Jargon Opera."

3: Chemistry Ig Nobel prize winner Theo Gray is illuminated by "human spotlight" Jim Bredt.

4: In a "Moment of Science,"

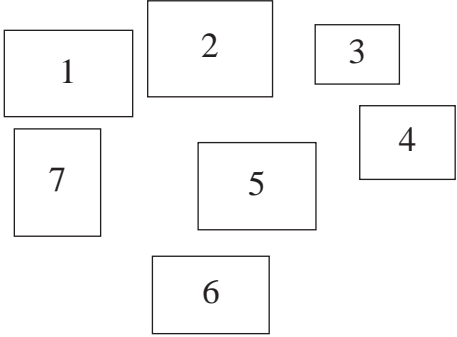
Sweetie-Poo Natasha Rosenberg waits while one of the Performing Swedish Scientists readies a pile of aluminum plates atop a Van de Graaff generator.

5: Arnd Leike (right), recipient of the Ig Nobel Prize in Physics, pauses his acceptance speech for a nice cold drink of "beer."

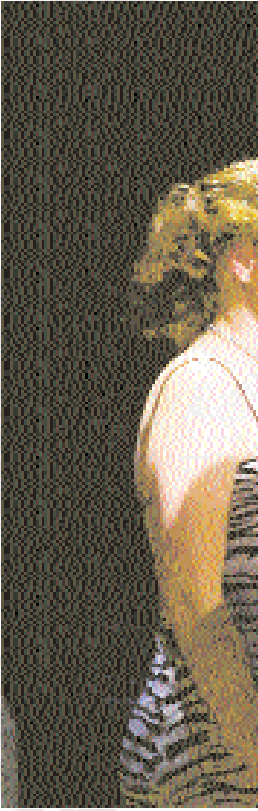
6: Karl Kruszelnicki (left), who won the Ig Nobel for Interdisciplinary Research, is illuminated by "human spotlight" Bredt (right.)

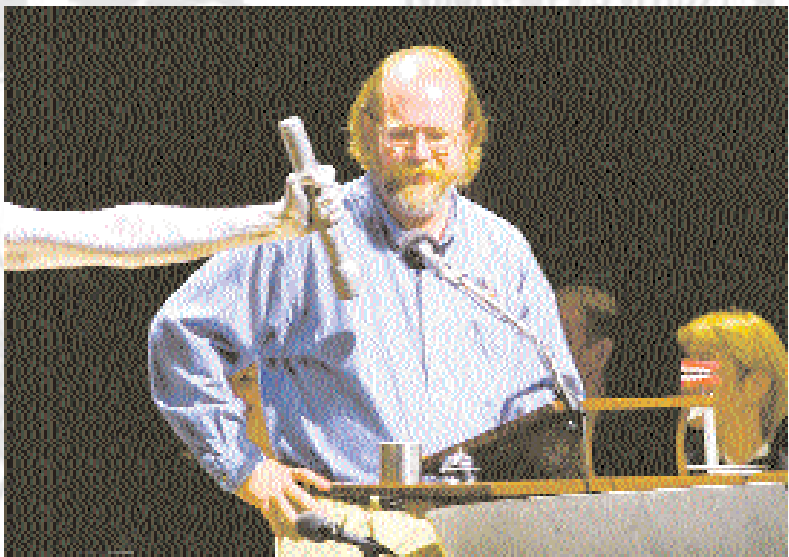
7: The evening was punctuated by advertisements from sponsor "HMO NO", making a satirical jab at HMOs and doctors.

Photography by Matt Yourst



I g N o b e l A w a r d s 2 0 0 2





Ig Nobel Ceremony Hails Science's Laughable Achievements of the Year

By Ricarose Roque

The 12th First Annual Ig Nobel Prize Ceremony launched its mayhem amidst a bombardment of paper airplanes last Thursday, Oct. 3 in Harvard University's historic Sanders Theatre in honor of achievements that "can not and should not be reproduced."

A farcical spin off the Switzerland Nobel Prize Ceremony, the Ig Nobel Prize Ceremony, set a few days before Nobel Prize winners are announced, presented its 10 awards in the categories of biology, physics, interdisciplinary research, chemistry, mathematics, literature, peace, hygiene, economics, and medicine. The winners, representing five different countries, flew in at their own expense. Each winner received a mock trophy with chattering teeth on a metal stand, a certificate, and of course the classic hand-shake.

Nobel Prize Laureates Dudley Herschbach (Chemistry '86), William Lipscomb (Chemistry '76), and Richard Roberts (Physiology or Medicine '93) personally presented the awards to the winners.

The criterion for Ig Nobel winners is "quite simple" said Marc Abrahams, creator, producer, and director of the ceremony as well as editor of the magazine *Annals of Improbable Research*. "What these people did should first make you laugh, then make you think. It took 12 years to put our criteria into these few words."

During the ceremony, the winners were each given a minute for their acceptance speech. If they exceeded their time limit an "eternally nine-year old girl would come up to them say 'Please stop. I'm bored.'" Two related free public lectures were held later, one at Harvard on Oct. 4 and another at MIT on Oct. 5, where the winners were given a

chance to explain "what they did and why they did it."

Awards honor unusual research projects

The achievements recognized such bizarre research and findings as the sexual attraction of ostriches to humans, the exponential decay of beer froth as well as a comprehensive survey of belly button lint.

"Science is a very serious business," said Chief Science Advisor to the British government David King. "It's nice to have a good laugh."

Although the winners and their research and inventions generate much laughter and disbelief, their work is no lie.

The Medicine prize went to Chris McManus Professor of Psychology and Medical Education at the Department of Psychology at the University College, London for his report "Scrotal Asymmetry in Man and in Ancient Sculpture" which was featured in the front page and a section of the magazine *Nature*.

"I dare everyone in this room to go to their nearest research library and ask the librarian word for word in the loudest voice possible for this article," Abraham said.

Charles Paxton, in collaboration with Norma Bubier, Phil Bowers, and Charles Deeming received the Biology Prize for their report on the "Courtship Behavior of Ostriches Towards Humans Under Farming Conditions in Britain."

"We didn't think it was so funny at the time," Paxton said, who has now become a fish biologist.

The team performed the experiment during the early '90s when Britain was having an Ostrich breeding craze. However, the ostriches refused to breed amongst themselves. The team soon found out that the sexual behavior that the ostriches did display was directed towards humans instead.

"At no stage in my entire life have I had so many obvious passes in so short a period of time," Paxton said. "Though unfortunately for me it was another species."

The prizes for hygiene and peace went out to two

inventions benefiting the dog and cat world. The Hygiene award went to Eduardo Segura, of Lavakan de Aste, in Tarragona, Spain for inventing a washing machine for cats and dogs. The Peace Prize went to Keita Sato, President of Takara a major Japanese-based toy company, Dr. Matsumi Suzuki, President of Japan Acoustic Lab and Dr. Norio, Kogure Executive Director of Kogure Veterinary Hospital for Bowlingual, their dog-to-human translation device in "promoting peace between the species."

This year's ceremony did not forget to recognize the executives, corporate directors, and auditors of major yet struggling companies of the United States and other countries such as Enron, Global, Rite Aid, WorldCom, and Waste Management for "adapting the mathematical concept of imaginary numbers for use in the business world."

Opera highlights ceremony's theme

The theme of this year's ceremony was "Jargon." The ceremony celebrated its theme in several skits and a mini-opera called "The Jargon Opera" that journeys through the jargon-filled writing and speaking processes of the academic world, starring both professional opera singers and the three Nobel laureates.

"If you write scientific papers, don't do a dumb thing," said opera singer Margaret Button. "Don't be too specific or else you might say something."

The ceremony also included a series of lectures called the 24/7 Seminars where scientists explained their field of study in technical terms for 24 seconds and afterwards in "every-day, easy to understand" language in seven words. The topics included astrophysics, language, technology, biochemistry, neurobiology, and music.

"Biochemistry explains life for chemists, not physicists," Roberts said in his seven words.

There was also a Win-A-Date-With-a-Nobel-Laureate Contest with the "totally yum" William Lipscomb. The ceremony was preceded with a "semi-scientific mini-concert" by the Dresden Dolls, a Brechtian-punk-physics band.

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 come out, wherever
you are”



NATIONAL COMING OUT WEEK at MIT

October 7-12, 2002

tuesday, oct.8

- HOMOPHOBIA IN LATINO CULTURES / 5:30-7 pm / W20-028

wednesday, Oct.9

- RAINBOW LOUNGE OPEN (TEA DANCE @ 4) / 1-6 PM / rainbow lounge (50-306)
- TRANSGENDER LIVES: A PANEL DISCUSSION / 7-8:30 PM / 3-133

thursday, oct.10

- INFO BOOTH / 10 AM-3 PM / lobby 10
- RAINBOW LOUNGE OPEN / 12-4 PM / rainbow lounge (50-306)
- RAINBOW RECEPTION / 4-6 PM / bush room (10-105)
- QWILTS GAME NIGHT & PIZZA (women only) / 6:30-9 PM / rainbow lounge (50-306)

friday, oct.11

- FRIENDSHIPS BETWEEN STRAIGHT AND GAY MEN / 2-4 PM / E51-095

for more info: web.mit.edu/lbgt/programs/outweek.html



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◀ **Amon Tobin**
Out From Out Where
The maverick is back. Amon Tobin continues his adventures with the breakthrough on this, his fourth album. Darker, more complex, even more rhythmically driving and intense than ever before, this huge record will cement Tobin's reputation as one of the most innovative and important names in dance music today.



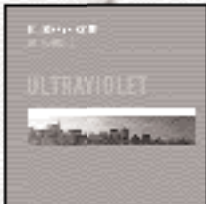
◀ **Conjure One**
Conjure One
Front Line Assembly and Delerium alumnus Rhys Fulber's Conjure One. With his solo debut Fulber expands upon the promise of Karma with a rapturous blend of lush textures, hauntingly beautiful melodies and coolly curved electrobeats. Like a filmmaker using varying shades of light and dark, the studio wunderkind manipulates sound to create mood music rich with images.



◀ **Chevelle**
Wonder What's Next
On the heels of their successful indie debut "Point #1," Chevelle deliver their sophomore album. Chevelle's sound comes into its own on the new record, with songs exploring themes of frustration, pain, and adversity. Check out the belligerent but beautiful first single "The Red."



◀ **Heather Headley**
This Is Who I Am
Blessed with a rare musical ability and a gift for connecting with an audience, Heather has won countless converts throughout her storied career as an entertainer. Already a Tony award-winner, Heather now proves herself a wondrously talented R&B solo artist with her upcoming R&B debut album This Is Who I Am. On the album, Heather sings with a degree of finesse and passion rarely encountered these days. With her innate gift of song, Heather Headley is certain to captivate R&B for years to come.



◀ **DJ Touché**
Journeys By DJ: Ultraviolet
The man behind The "Weedys" huge hit single "Start The Commotion" delivers his debut solo DJ mix record, "Ultraviolet." It promises to show off his renowned turntablism at its genre-busting best. The mix will feature some of his own productions and a whole bag of studio FX and bespoke edits, blending a range of elements to create something edgy and distinctly his own.



◀ **Rhett Miller**
The Instigator
For nearly ten years, Rhett Miller was the charismatic frontman and main songwriter for acclaimed Dallas quartet Old 97's. Now Rhett Miller is releasing his first solo album, The Instigator. The album captures Rhett's tremendous growth as a songwriter and performer.

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Rush Chairs Discuss Outcome

Rush, from Page 1

to be,” because “now [the freshmen] meet the guys and like the house, but they don’t have to join.” Sig Ep gave out 15 bids over the weekend but has not yet received any pledges.

In addition, Sigma Nu has had 12 of 13 bids accepted, Delta Upsilon has had 12 of 13 bidees pledge, and Alpha Delta Phi received two pledges out of six bids. Phi Beta Epsilon has received 19 new pledges and expects approximately two or three more. These numbers are not final and are based only on rush up to Monday evening.

Yardley said that the result may have had to do with the changed length of rush. “It was discussed last year ... that there was more time for houses better at this kind of rush to get more and more numbers and not as much time for smaller houses,” he said. “But without talking to all the houses, I can’t be certain that is

why it is.”

Chairs analyze new rush

Speaking to the differences between this year’s rush and last year’s, fraternity members cited several reasons, including freshmen no longer needing a place to live and rush happening during the school year. One important source of potential pledges that was cited was the Campus Preview Weekend held for pre-freshmen every year.


Addressing the issue of all freshmen living on campus, Phi Beta Epsilon Rush Chair David R. Schannon ’04 said that last year “we had something major to offer. You couldn’t really get to know everyone [during the shorter rush], but we offered a place to live.” This year had “more to do with social stuff than with housing.”

Beyond not immediately needing a place to live, rush this year also had to compete with the busy lives of freshmen.

“We’re rushing full fledged MIT members” now, said Rush Chair for Sigma Nu Tim R. Kreider ’04, “so we have to compete with schoolwork and sports. The biggest challenge was meeting people,” because those who were uncertain about pledging may never have made the time to explore their options.

Because rush was based on freshmen initiative this year, many fraternities relied on contacts made during Campus Preview Weekend. In early April, potential freshmen for MIT visit the campus for a weekend and are placed in both dormitories and independent living groups for their housing. According to Kreider, four of Sigma Nu’s 12 pledges so far this year were contacts they had made during CPW.

Yardley has also mentioned the timing of Rush coinciding with the first wave of schoolwork and exams as having a detrimental effect on rush. “We certainly want to try and change that for next year,” he said.



AMY WU—THE TECH

Award-winning Simmons Hall architect Steven Holl chats with MIT President Charles M. Vest before the new dormitory’s dedication ceremony Friday.



Jammie session!

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DALTON CHENG—THE TECH
Tahitian dancer Elizabeth Sievert '05 won the award for Best Individual or Duet Act at Sigma Kappa's Late Night.

def tuv tuv
N i g h t l i n e
oper oper

Solution to
Crossword

from page 6

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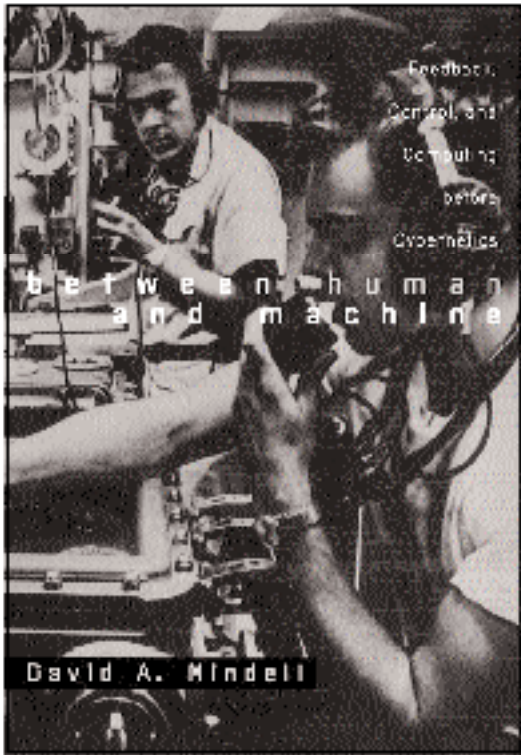
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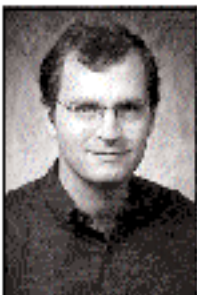
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David A. Mindell is the Frances and David Dabner Associate Professor of the History of Engineering and Manufacturing in the Program in Science, Technology, and Society at MIT.

Between Human and Machine is published by The Johns Hopkins University Press, 2002.

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Protesters gathered outside the Seaport Hotel in Boston to voice their opposition to President Bush, who was inside the hotel supporting Mitt Romney, Republican candidate for Massachusetts Governor.

Above right: Romney supporters exit the Seaport Hotel, giving the protestors gathered outside a "thumbs down."

Right: Clare Dowd of Newbury (left) and Lisa Dorval of Newburyport (right) hold signs protesting Bush's plans to attack Iraq as Boston Police enforce a barricade between the protestors and the Seaport Hotel.

Above: A Romney supporter and his son cross paths with protestors on the sidewalk outside the Seaport Hotel.

Photography by Jonathan Wang



Horvitz Receives Accolades From Vest, Many Colleagues

Horvitz, from Page 1

into the development of many illnesses that have continuously troubled the world's top scientists.

Horvitz heard news of his prize and is celebrating while vacationing in the French Alps. At yesterday's news conference, he said "I would find nothing more gratifying than to learn that one or more of my discoveries led specifically to pharmaceutical treatments and cures for human diseases. That's a dream. At this point, I think that dream is still tenable."

MIT expresses its appreciation

MIT has been supportive and

proud to have one of its own recognized as a 2002 Nobel laureate.

President Charles M. Vest said, "A Nobel Prize announcement is the most exciting confirmation of the excellence and importance of what faculty and students do at MIT. This is a great moment for Bob Horvitz, for science, for MIT and for the future of human health."

He emphasized that "it also reminds us of the critical importance of basic science that is driven by curiosity about the mysteries of life. That is the ultimate source of advances in human health."

"Bob's work on programmed cell death, and that of his col-

leagues, is of a fundamental importance and has long deserved this recognition. It could not have happened to a nicer or higher quality individual," Vest said.

Horvitz's laboratory is brimming with pride as well. Ignacio Perez De La Cruz PhD '02, a postdoctoral researcher in the his lab, said, "Bob encourages independent training and intellectual freedom."

"He is a very good person who cares about his students and continually tries to train his graduate students to become great in their field," said Ho-Yon Hwang PhD '02.

Perez De La Cruz said that "Bob is very non-political and puts sci-

ence and discovery first. He is not preoccupied with who ultimately will receive the recognition for the work."

Hillel T. Schwartz G also offered his support for Horvitz by saying their lab was a "community of people driven by their own interests" but motivated and encouraged by Horvitz.

Horvitz has long history at MIT

Howard Robert "Bob" Horvitz was born in 1947 in Chicago. He graduated from MIT in 1968 with degrees in mathematics and economics. He also served as Managing Editor for *The Tech*. He continued his education by receiving his Master's Degree in 1972 and his PhD in 1974 in Biology at Harvard University. He then went on to work as a postdoctoral researcher at the Medical Research Council Laboratory of Molecular Biology in Cambridge, England. He came back to MIT in 1978 as an Assistant Professor and became a full Professor of Biology in 1986 and an Investigator at the Howard Hughes Medical Institute in 1988. Since 1989, Horvitz has held appointments in neurology and medicine at the Massachusetts General Hospital.

In addition to joining the ranks of internationally renowned Nobel laureates, Horvitz is a member of the U.S. National Academy of Sciences and a Fellow of the American Academy of Arts and Sciences and the American Academy of Microbiology.

He is also a member of several professional societies, including the Genetics Society of America. He is also a member of the National Advisory Council of the National Human Genome Research Institute and was co-chair of the Working Group on Preclinical Models for Cancer of the National Cancer Institute.

Colleagues lay out foundation

In the early 1960s, Brenner realized that questions about cell differentiation and organ development were difficult to perceive and analyze in high-level organisms. Thus, he selected the nematode *Caenorhabditis elegans* because this worm was easily viewed under a

microscope and had a relatively short generation time.

Brenner broke new ground in 1974 when he showed that specific gene mutations could be induced by ethyl methane sulphonate, proving that various mutations were linked to certain genes and to specific effects on the development of organs.

Sulston continued Brenner's research by devising techniques to study and examine all of the cell divisions in the *C. elegans* for all cells in the adult organism. He ultimately discovered and demonstrated how the mutations of certain genes contributed to programmed cell death.

Horvitz extrapolates past work

Horvitz started extrapolating on the work of Brenner and Sulston in the 1970s. In 1986, he identified the first two "death genes", *ced-3* and *ced-4*, as being the necessary prerequisites for cell death, apoptosis.

Later on, he discovered that *ced-9* was another gene that worked to hinder cell death: its product interacts with those of the first two genes. Horvitz also determined certain genes that controlled how dead cells were eliminated from the system and so forth.

By demonstrating that the human genome possesses a gene similar to *ced-3*, Horvitz' work provides a great window of opportunity for further research into the possibilities and potential of programmable cell death.

Horvitz has said, "Programmed cell death is a key mechanism for regulating cell numbers and connections and for sculpting tissues. Its misregulation can play a central role in certain cancers, autoimmune diseases and neurodegenerative diseases. We now know many of the molecules that control programmed cell death."

Programmed cell death has allowed experts to understand the mechanisms at play with viruses and bacteria. Cancers arise because of abnormalities in cells; thus, researchers continually are battling against time to find out more information about this unique system of "cell suicide" in order to attack and induce death in malignant cells.

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Race Relations Talk Defines Racial Issues

By Veena Ramaswamy
STAFF REPORTER

The Advocates for Awareness held a forum on “Discussing Race and Diversity at MIT” on Oct. 3 that discussed mainly the role of MIT’s Office of Minority Education and defining the term “minority” at MIT.

The forum began with opening remarks by AFA founder Terrence R. Strader ’04, who addressed the goals that he hoped MIT could achieve by holding the forum.

“This forum is an attempt to try to get MIT more involved in relations and actually go out and try to solve these [race-related] problems,” Strader said.

Attendees discuss OME’s role

The night’s discussions began with talk over an opinion piece written by Matthew D. Brown ’06 that appeared in the Sept. 6 issue of *The Tech*. In the article, Brown questioned the discriminatory nature of a freshman pre-orientation minority luncheon. “Would the same lack of attention be given had the event read ‘Majority Orientation Welcome Luncheon: For Whites Only?’” he wrote.

The attendees of the forum went on to discuss the importance of MIT having such an office.

“The OME should be opened to anyone who supports what it does,” said Alia C. Burton ’05. In regards the luncheon, Burton felt that it should have been open to all those interested in welcoming minority students. “We’re all here to learn,” Burton said.

OME Assistant Director Margarita Ascencio, present at the meeting, attempted to clarify the OME’s role at MIT. “We cater to the under-represented minorities,” she said.

Ascencio also acknowledged the poorly worded advertisement of the minority luncheon. “I would absolutely support something to welcome multi-cultural students,” she said.

In discussion about the role of

the OME, Janet H. Leung ’06, expressed her discontent over the OME’s exclusion of Asian students as minorities at MIT. “The fact that the minority office is here for all minorities but not Asians is very discomfoting,” Leung said. “The vast majority of Asians here have to deal with our own discriminatory issues.”

Leung said she wished that the OME or a similar support system were also available to Asian students at MIT. “It would be nice to know that such help would be there,” Leung said.

Panel lists campus race issues

The forum concluded with attendees formulating a list of “Problems at MIT and ways to address them.”

Items on the list included better OME advertising, by clarifying and perhaps welcoming the luncheon to everyone. Attendees also stressed the importance of inviting others along to such events as the forum itself to raise awareness.

“People really need to take advantage of MIT’s diverse environment and get out of their comfort zones,” said Ivana L. Sturdivant ’04.


The other problem discussed was determining the “majority” and “minority” groups of the MIT community.

Strader said he saw these problems as some major issues that the MIT community must deal with and work on to improve.


“MIT has a long way to go for racial stability. So many people don’t believe that racism is an issue at MIT,” Strader said.


Strader also hopes for the AFA’s forums to become a monthly tradition where members of the community can come and discuss different issues at MIT regarding race relations. “My hope with the forum is that people continue these conversations and discussions,” Strader said. “We can learn so much from each other if people just took advantage of MIT’s diversity.”

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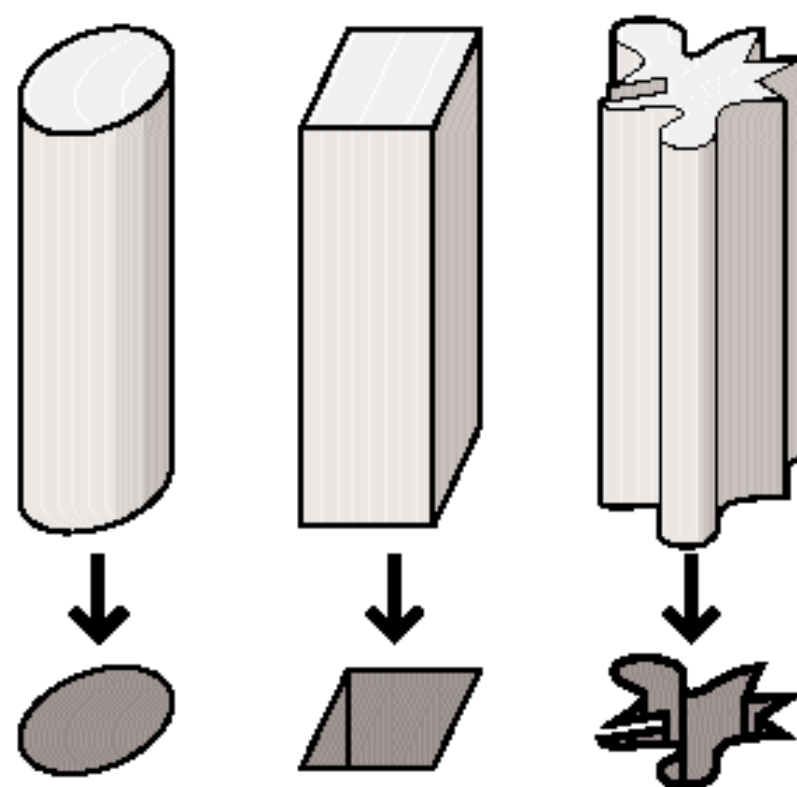
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-This info session will cover the application process, board member responsibilities, and meeting times. If you are unable to attend the information session, applications are available in 7-103.

-For questions please contact
Rebecca Kumik '03 - rkumik@mit.edu
Elizabeth Young - eyy@mit.edu
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***Info Session October 9th at 4pm, Room 5-231**

***Applications due on October 16th in 7-103.**

Chan, Schmid Explain Decisions to Resign

IFC, from Page 1

When the IFC Executive Committee announced this decision to the President's Council, Yue said that he also announced sample sanctions for violating the policy. Yue said that some of the more extreme sanctions included prohibition from holding events involving alcohol for the rest of the term, restrictions during rush, and prohibition of alcohol on the premises for the remainder of the semester.

Later, Alpha Tau Omega, Kappa Sigma, Lambda Chi Alpha, and Theta Delta Chi houses were charged with violating this zero tolerance policy and with poor risk management. De Hoyos said that some houses were charged with serving alcohol to freshmen and that at least one house was charged with randomly handing out wristbands to allow people to drink.

An interim hearing committee was formed so that these houses' cases could be heard immediately, "to expedite the process ... so that these houses could possibly be affected during rush and not months afterwards," De Hoyos said.

Yue, Chan, and Assistant Dean for FSILGs David N. Rogers quickly drafted the rules of operation for the interim hearing committee.

Chan served as moderator on the judicial panel. Rogers, Student Life Office Coordinator for FSILGs Frank S. Council, and two JudComm investigators served as the jurors.

Although Chan was a member of both IFC JudComm and ExecComm, De Hoyos said that "as the moderator, he [was] supposed to be as fair and as unbiased as possible."

To determine the sanctions, Rogers said that the committee used a chart given to Judcomm investigators at training so it would be consistent with JudComm. This chart provided sample sanctions for low level, serious, and severe violations.

The sanctions range from mandatory attendance at educational meetings to social probation. Rogers said that the most severe sanction is that one chapter cannot hold any events aside from brotherhood events for the remainder of the semester.

Although Yue said that "the IFC did not originally make the outcomes public ... several houses expressed that the sanctions were too lenient." Based on the sanctions discussed at the Sept. 4 meeting, Yue said that "the IFC's case was not represented."

Yue said that in the interim process, "there were only the reports of the investigators," and not an

actual member of the IFC present at hearings. Each house was then given the opportunity to defend itself against the reported allegations.

Rogers, who attends most President's Council meetings, said that he did not attend the Sept. 4 meeting. Although Rogers was aware of the zero tolerance policy, he said that he could not recall ever hearing ExecComm's suggested sanctions.

"We made a mistake...in the haste of putting [the process] together, it was an oversight," Yue said. Having the IFC investigators at the trial "was an integral component that was overlooked."

Rogers said that he also mentioned this oversight at last Wednesday's President's Council meeting.

Motion to retry houses fails

As a result of the numerous complaints pertaining to the sanctions and because it felt that the judicial process used was erroneous, IFC ExecComm proposed at the President's Council meeting on Oct. 2 that the houses' cases be heard by JudComm. However, a simple majority was not reached because "many of the houses wanted to move on," De Hoyos said.

Lambda Chi Alpha President and former IFC Treasurer Patrick M. McCaney '03 said that the four houses should not have to be reheard. "The things that people were found guilty for were minor so it was likely that the sanctions would not change dramatically," he said. "[Although] there was an oversight that needs to be fixed ... the whole concept of double jeopardy applied." McCaney resigned from his position as treasurer because he felt the debate over the sanctions had made ExecComm into an "oligarchy."

Nonetheless, Yue said that "it was understood [by the house presidents] that harsher sanctions [were supposed to] occur. I think that nearly everybody recognized that there was something wrong with the judiciary process."

"What the IFC Executive was doing was not a personal agenda. We would leave this decision with the President's Council and honor it," Yue said.

Yue resigned on Oct. 4, two days after the resolution failed to pass.

"There is no credibility, since we cannot follow through with what we had said we would do," he said.

Yue also said that he "doesn't feel like [he] could ever take a

stance again" with the President's Council after the sanctions of the zero tolerance policy were not upheld.

"I do what I say, and I refuse to look the other way," Yue said. "I will not support a community that will not support that. It would be better for me and for the community if I step down. ... I'm not going to hold a position that has no meaning."

Chan felt ExecComm went too far

Chan said that he resigned from the position "because I felt that the integrity of Judcomm had been compromised by [ExecComm]. Regardless of personal opinion, I stand by all of the JudComm decisions that had been made during my term as JudComm Chair."

Although ExecComm wanted the four houses to be tried again, Chan "thought the rulings were fair

had been done in the past.

In an article in the September 2002 edition of *Technology Review*, entitled "Make Room for the Freshmen," Rogers is attributed with saying he "hopes that the system adds about 150 new members, slightly less than half of the normal take."

In addition, Schmid said that some IFC members, including himself, felt that each fraternity should receive 100 percent compensation in fixed costs in the Financial Transition Proposal. However, Schmid said that Rogers supported the 100 percent compensation with the IFC, but only advocated an 80 percent compensation with administrators who approved the funds.

"I don't think that I came out and supported either one," Rogers said. He said that he brought a list of pros and cons of each decision to the administrators.

Although Schmid's resignation coincided with the announcement of the recent sanctions, "I did not resign because of the sanctions. My resignation has nothing to do on the alcohol stance," Schmid said.

He wrote in his resignation letter that "after a discussion with those on the sanctioning body and their rationalization behind the sanctions combined with their distrust in the Executive Committee, I am disappointed in our system and the workings of the advisors who represent me."

Council to decide what to do

As prescribed by the IFC's bylaws, De Hoyos, the former vice president, will serve as the president until the next President's Council Meeting. The group can then decide to start elections for the upcoming year now or to allow De Hoyos to remain as president and to elect a new vice president.

The bylaws do not discuss who will replace any of the other executive officers.

"I think that what has happened is that many presidents see this is as a way that they can be more involved to express themselves at President's Council," Rogers said. "Wednesday's meeting had the most discussion that I had ever seen [at MIT]. People had well thought out arguments."

McCaney said that nearly every house was represented at the meeting. "A lot of [presidents] seemed to care. The fact that they prepared their arguments in advance and thought things through shows the strength of the community," he said.

Overall, "it's been a tough time for all of us," McCaney said. "It's a new system that we all have to adapt to."

"I no longer believe there to be any authority in the title I hold." —Yue

and that the decisions made were adequate," said De Hoyos.

Chan said that "the Executive Committee is not supposed to have a presence at judicial hearings in order to safeguard due process and to ensure a balance of power."

Schmid explains resignation

Bryan D. Schmid '03 announced his formal resignation as External Relations Chair to the *ifc-talk* e-mail list Sunday evening, although his resignation had been announced to the IFC in late September.

Schmid, who wrote in his resignation letter that he found much support in the FSILG community, said that he has "struggled daily with the support staff in the [Student Life Programs] office."

Despite the frustration that Schmid said that he has always had with FILG advisors, he said that recently, "it's gone beyond what's right for the IFC. ... It now goes against my personal beliefs and morals. [Rogers and Council] tell us one thing but tell everybody else another thing. It's a hypocritical stance."

As an example, Schmid referred to an instance of projected rush numbers for this year. According to Schmid, Rogers had been telling the IFC that they would be able to rush the usual 300 members. Schmid felt this as a publically unsupportive stance to an IFC Community that hoped to recruit 300 members as

New Visa Checks Detain Students

International Student Numbers to Increase

Visas, from Page 1

with possible terrorist connections. Fifteen of the 19 suspected Sept. 11 hijackers entered the United States legally on travel visas; three were admitted with business visas; and one entered on a student visa.

"International students, who sought 335,000 visas between last October and this month, are receiving no more scrutiny than tourists, business travelers, and other applicants," said spokesperson Stuart Patt in the interview. Seven million visas were requested last year.

"It's not aimed at students, but students are feeling the pinch because classes are starting," he said. "We're trying to get things done as quickly as we can ... Right now national security is the overriding concern."

More new rules took effect this year on Sept. 11. Until an electronic student-tracking system is put in place by the government next year, universities must post a verification document on a State Department Web site for every international student they admit.

Students from the following countries, by birth or nationality, were told to expect "enhanced security screening," possibly including an additional 20 days to the visa application process: Afghanistan, Algeria, Bahrain, Djibouti, Egypt, Eritrea, Indonesia, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Malaysia, Morocco, Oman, Pakistan, Qatar, Saudi Arabia, Somalia, Sudan, Syria, Tunisia, the United Arab Emirates, and Yemen.

Government plans for IPASS

In May 2002, in a Homeland Security Directive, the Bush administration's Office of Science and Technology Policy announced its intention to create a new Interagency Panel on Advancing Science and Security (IPASS) "that will function as a mechanism to provide another level of review for all specialized visas, including student visas," according to a press release.

"We are optimistic that the IPASS, while mindful of national security concerns, will also be sensitive to the reality that open scientific research and international exchange is a cherished and valuable academic tradition in the US higher educational system," said Guichard-Ashbrook.

"The problems started in July when the students applied for their visas," Guichard-Ashbrook said. "The consulates told the students that everything was in order, but that their applications were undergoing a review by the U.S. State Department that would take 'an indefinite period of time.' So we were getting calls and e-mails from all these frantic students who couldn't make their travel plans."

Internationals increase in number

Across the country, the numbers of student applications are up, and MIT is no exception.

"The surprising thing is that we had all these expectations that the increased security measures in the U.S. and the fear of more attacks would cause a drop in the number of international student applications. But that didn't happen," Guichard-Ashbrook said. She expects that once the delays are worked out, the number of international students enrolled this year to increase by 100 from last year.

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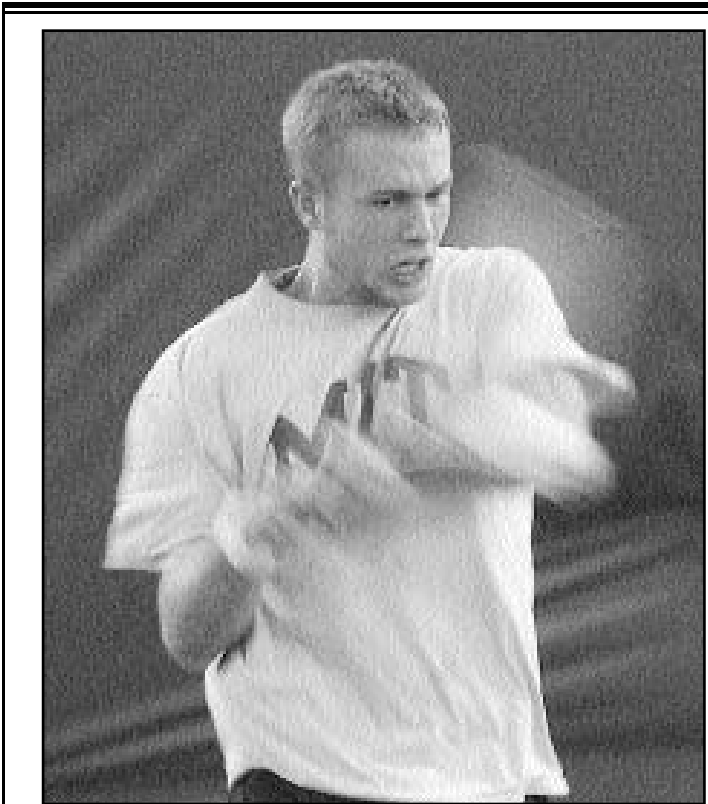
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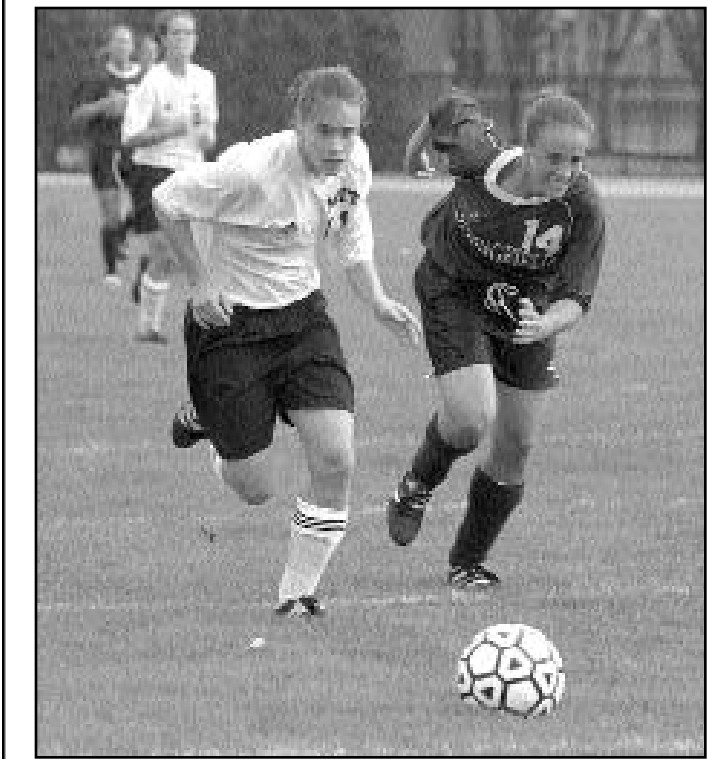
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STA TRAVEL

ONLINE ⇨ IN THE PHONE ⇨ ON CAMPUS ⇨ ON THE STREET



Jeffrey Augustyn '03 fights to win a point in his match against NYU's Michael Thompson on Friday. Augustyn won the match in a third set tiebreaker, contributing to MIT's 6-1 victory.



Forward/midfielder Sarah Mendelowitz '03 races an opponent for the ball in Women's Soccer's Saturday game against Springfield. MIT lost 0-2, bringing their record to 6-3.

MIT Eight Takes 2nd

Men's Crew, from Page 24

not help to counter the winds.

MIT starts day with silver

Despite the conditions, the eight got off to a strong start in the morning race and quickly passed Pennsylvania State University, opening up a lead of several boat lengths by the finish. MIT could not catch the Marietta College crew that started ahead of Penn State, though, and the Engineers' time of 14:44.1 was exactly 20 seconds off Marietta's pace. Carnegie Mellon University, rowing on their home river, finished only 0.3 seconds behind the Engineers for a close third.

"They seeded us third, but before a third of the race was through we'd already pulled through Penn State and were going strong," said coxswain Craig J. Rothman '05.

"It was really smooth through the first two-thirds of the race," said captain Andy Hill '05. "We were putting a lot of power on and rowing well."

Rough water near the line made a strong finish difficult, and several novice women's crews left over from the previous division forced the men's eight into several buoys along the course.

Nonetheless, the men were satis-

fied with their first race of the fall season. "It was a good start for the season, and we're excited for the Head of the Charles," said Bathurst, who rowed in the seven seat. Bathurst is back at MIT this year after rowing for Emmanuel College at Cambridge University last year, while studying through the CMI exchange program. Two-man Schiff was Bathurst's teammate last year at Emmanuel College in Cambridge.

Four faces tough competition

MIT won the Men's Open 4+ race at least year's Head of the Ohio, but this year faced notably tougher competition, including Olympic training center Pennsylvania Athletic Club. Penn A.C. finished first in 15:02.7, ahead of Wheaton College in second, and MIT in third. The Engineers finished in 15:56.3 to take the bronze.

"It was a really good start to the fall season," said Coach Gordon Hamilton.

Over 4,400 rowers competed in the 16th Annual Head of the Ohio, representing high school, college, club, amateur, and masters rowers.

Next week, MIT will look to repeat their strong performance in Pittsburgh when they head to the Merrimack River for the New Hampshire Championships.

MIT Comes Alive After Halftime

Football, from Page 24

kicking a field goal and returning a fumble for a touchdown. The powerful running game and the Beavers' lack of offensive production (just two first downs) kept the defense's back to the wall throughout the first half.

Second half shows improvement

MIT's defense stiffened in the second half, holding the Colonels scoreless. Linebackers Schreiber, Jeremy R. Arnold '03, S. Dan Lovell '03, Michael A. Terry '04 and Michael J. Harvey '04 shut down the Curry running game. Meanwhile, defensive tackle Dan Relihan '04, making his first start since being moved from fullback, joined Yurkevich, Brennan P. Sherry '06 and Mark A. Jury '04 in pounding Curry's offensive line all afternoon. Hoying and cornerbacks Corey D. Carter '03 and Mark D. Boudreau '05 combined for 15 tackles on the day.

The offense finally showed some life early in the second half, when captain Alex T. Karnal '03 threw a 30-yard scoring pass to Warren Chia '05 in the back of the end zone. But a blocked extra point ended the rally and MIT couldn't muster any more big plays. Karnal had a frustrating day under center — Curry's defensive front spent much of the day in the MIT backfield and forced him into four interceptions. Receivers Tom Kilpatrick '05 and captain Keith V. Battocchi '03 were held in check and the normally-powerful Beaver running game, featuring Philip M. Deutsch '04 and Ryan J. Lanphere '06, was held to just 39 yards. The statistics were telling: Curry's eight-minute edge in time of possession and one turnover to MIT's six, made scoring opportunities rare.

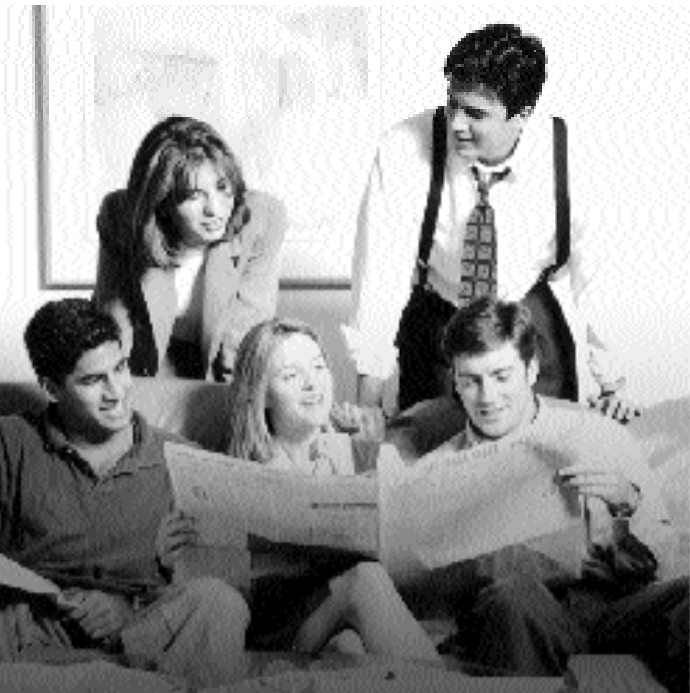
With the disappointing loss behind them, the team looks forward to future opportunities. MIT still has a good shot at a solid division record with four games remaining. This Saturday, the Beavers travel to Springfield, Massachusetts to play Western New England College. The Golden Bears upset MIT in Cambridge last year, sealing the 28-21 win with a goal-line interception in the waning moments.



Jaclyn Cichon '05 winds up her backhand in a doubles round against Worcester Polytechnic Institute. She and her partner, Caroline Tien '04, won the match 8-0, contributing to MIT's 5-0 sweep in doubles.

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SPORTS

MIT Football Drops Homecoming Game

By Christopher P. Anderson
TEAM MEMBER

On a day when they hoped to impress, the MIT football team did anything but, and fell to the visiting Curry Colonels, 31-8. The homecoming game featured a celebration of 25 years of MIT football, with scores of former players in attendance, but the Beavers dug themselves a 31-2 hole in the first half and never found an answer for Curry's big plays. MIT fell to 2-3 on the season, and 0-1 in New England Football Conference Boyd Division play.

Poor first half dooms Beavers

The Colonels took the opening kickoff and never left the driver's seat as the momentum wore purple the entire first half. Curry running back Raphael Zammit, the conference's leading rusher, exploded down the sideline on the first play from scrimmage, setting up his team's offense in MIT territory and his own TD run six plays later. The extra point kick was blocked, however, and a convoy of scarlet jerseys escorted MIT senior linebacker Brent M. Schreiber 95 yards into the end zone for two points.

Undaunted, Curry forced a three-and-out by the MIT offense and capped a 48-yard drive with another touchdown run. After another Engineer punt, Zammit burst through the



LIZZ ZELLNER

Kurt Josephson '06 (#84) faces off against the Curry University defense in the midst of his kickoff run. The Beavers were crushed 31-8 by the larger Curry University team on Saturday.

line and escaped the defensive captain, safety Brian D. Hoying '03, for a 52-yard touchdown.

Perhaps the best play of the half for MIT was turned in by the punter. Early in the second quarter, the snap

from Kevin Yurkevich '06 sailed over the head of kicker R. Matt Ramirez '06 and into the end zone. Rather than down it for a safety, Ramirez courageously picked up the ball and drop-kicked it. The punt

caught the west-to-east wind and after a favorable bounce was downed at the Curry 38-yard line.

Curry kept the heat on, however,

Football, Page 23

Volleyball Shines At Bates

By Paul Dill
TEAM COACH

This past weekend, for the second straight year, the women's varsity volleyball team won the Bates College Invitational Tournament, winning all four of their matches over the two-day event.

The team got off to a bit of a shaky start in the first match on Friday night, against Plymouth State College. After winning the first two games easily (30-16, 30-20), the Engineers suffered a bit of a letdown, losing the next two games 25-30, 14-30. However, with the match tied at two games a piece, MIT showed why they are ranked #2 in the region and won the fifth game 15-8, taking the match 3-2. Jacklyn Y. Wang '06 and Caroline D. Jordan '06 led the defense with 16 and 21 digs respectively, while Lauren E. Frick '03 came up big in the blocking department with six.

Later that evening, against Bowdoin College, the Engineers seemed to get back on track, winning 3-0 (31-29, 30-10, 30-27). Setters Austin Zimmerman '06 and Jenny C. Alexander '06 combined for 33 assists in the win.

After a good night's sleep, MIT started the second day of the tournament on top of their game, running down a the Brandeis University squad in the semifinals. The outcome was never in doubt, as the Engineers won 3-0 (30-14, 30-24, 30-21). Outside hitter Nydia M. Clayton '04 had a field day in the Brandeis match, tallying 15 kills, while Joy N. Hart '06 added 11 of her own kills and five service aces to the effort.

It turned out to be more of the same in the championship match as the Engineers showed little respect for hosts Bates College. MIT played their best volleyball of the weekend in front of a Bates crowd that could do little to help their team against the Engineer onslaught. In the end, MIT won 3-0 (30-18, 30-21, 30-20). Zimmerman posted a double-double with 35 assists and 10 kills, while Clayton continued to dominate with 13 kills helping her to earn All-Tournament honors for her strong play throughout the tournament.

The Engineers are currently 20-2 going into a very crucial conference match Tuesday, Oct. 8 against Springfield College at 7 p.m. in DuPont Gymnasium.



JONATHAN WANG—THE TECH

Nick Sidelnik '04 comes up for a breath in the last length of the Men's 500 Freestyle in the Varsity Swim Team's Alumni Meet Saturday. Sidelnik went on to win the event with a time of 5:11.86.



NOEL DAVIS—THE TECH

Midfielder Doug Allaire '04 evades a defender's tackle during Thursday's soccer match. MIT posted a 5-0 victory over Wentworth.

Men's Crew Takes Silver, Bronze at Head of Ohio

By Kevin R. Lang
TEAM MEMBER

After a long day of nearly non-stop racing, the MIT Men's Varsity Heavyweight Crew came away from the Head of the Ohio Regatta Saturday with a silver medal in the Men's Club 8+ and a bronze in the Men's Open 4+.

MIT brought only eight rowers and two coxswains to Saturday's races, but nonetheless competed in three separate events. Each rower raced twice in the eight, first in the 2.8-mile head race, and then again in a 500-meter exhibition sprint race against four other collegiate crews. To finish off the afternoon, the crew split into two fours, competing once again in the head race.

The first four, coxed by Craig J. Rothman '05, featured captain Andy Hill '05, Stephen P. Bathurst '03, CMI exchange student Johannes Schiff, and Jacob J. Ornelas '05, started at the head of the field. The second four, coxed by Lee Squitieri '05, featured John J. Cooley '05, Frederick D. Wang '05, Filip Antich '03, and Kevin R. Lang G.

The Allegheny River was typically choppy. Where the Allegheny met the Ohio River, (right in front of downtown Pittsburgh and Heiz field, home of the Steelers,) 10 to 15 mph head winds pushed against the crews and threw up heavy waves. Unfortunately, a virtually nonexistent downstream current did

Men's Crew, Page 23

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UPCOMING HOME EVENTS

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Women's Soccer vs. Babson College — Steinbrenner Stadium, 4 p.m.

Women's Volleyball vs. Springfield College — DuPont Gym, 7 p.m.

Wednesday, October 9:

Men's Soccer vs. Brandeis University — Steinbrenner Stadium, 3 p.m.

Thursday, October 10:

Water Polo vs. Harvard University — Zesiger Pool, 7 p.m.